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IMPORTANT

All parts listed herein, which have no specific usage indicated, are applicable to all models. Those parts which are used only on specific models are so indicated.

Attaching parts such as bolts, nuts, rivets, screws, washers, etc., are indented immediately following the parts which they attach.

Parts indicated with a square (□) are also available in packaged sets. Refer to section titled "PACKAGED PARTS".

The terms "right" and "left" used throughout this parts catalog are determined by facing the direction of forward travel.

INSTRUCTIONS FOR ORDERING PARTS

At the time this parts catalog was published the listed part numbers were current. It is our policy to constantly improve our machines and therefore, part numbers and design may change. When ordering parts, verify part numbers through your dealer's parts catalog which is up to date with all latest part numbers.

Order parts from the dealer covering the local territory.

ALWAYS GIVE THE MODEL AND SERIAL NUMBER OF MACHINE. IF PARTS ARE FOR AN ASSEMBLY WHICH HAS A MODEL AND/OR SERIAL NUMBER (SUCH AS ENGINE ASSEMBLY, PUMP ASSEMBLY), ALSO INCLUDE THIS INFORMATION.

To obtain parts promptly, give part name and part number.

Give post office address, town, county and state where parts are to be shipped. Also specify whether material is to be shipped by freight, express or parcel post.

Confirm all telephone or telegraph orders in writing.

Parts for standard motor accessories such as generators and starting motors should be ordered from authorized Service Stations maintained by manufacturers of these units throughout the country.

No credit will be allowed on parts unless they are returned to the dealer from whom they were purchased; from there they will be returned, at the customer's expense, to the factory for inspection.

Unless claims for shortages or errors are made immediately upon receipt of goods, they will not be considered.

When broken goods are received, a full description of the damage should be made by the carrier agent on the freight bill. If this description is insisted upon, full damage can always be collected from the transportation company.

No responsibility is assumed for delay or damage to merchandise while in transit. Our responsibility ceases upon delivery of shipment to the transportation company from whom a receipt is received showing that shipment was in good condition when delivered to them; therefore, claims (if any) should be filed with the transportation company.

The right is reserved to change the construction or material of any parts where it seems desirable to do so without incurring the obligation of installing such changes on units already delivered.

(Specifications and design subject to change without notice)

NOTICE

Allis-Chalmers Corporation and Fiat S. p. A. entered into a joint venture agreement to combine their manufacture, sale and service of construction machinery products throughout the world after January 1, 1974.

In view of the new enterprise, wherever in this publication reference is made to Allis-Chalmers or your Allis-Chalmers dealer, such reference is intended to identify Fiat-Allis Construction Machinery, Inc. or your Fiat-Allis dealer.

Also, for this new enterprise, a new series of 8-digit part numbers is in effect. This change is accomplished by eliminating the "check digit" wherever it may appear, and then, to this basic part number, prefixing a "7" (or "7" plus one or more zeros) to make a full 8-digit part number.

Examples:-

667367	becomes 70667367
0688917-4	becomes 70688917
3060101-7	becomes 73060101

All part numbers listed herein must be changed per the above formula before ordering.

MODEL IDENTIFICATION

MODEL SYMBOL	ENGINE MODEL	DESCRIPTION
HD-41	Cummins VT-1710-C-635	Diesel engine driven crawler tractor
41HS		Dozer, semi-U blade
41HU		Dozer, full-U blade
41HC		Dozer, cushion blade
41R		Ripper

RECORD YOUR SERIAL NUMBERS BELOW

TRACTOR SERIAL NO.

ENGINE SERIAL NO.

SERIAL NUMBER LOCATIONS

TRACTOR SERIAL NO. — On steering clutch housing at the upper rear corner of the right side. Also on plate attached to front of left battery box.

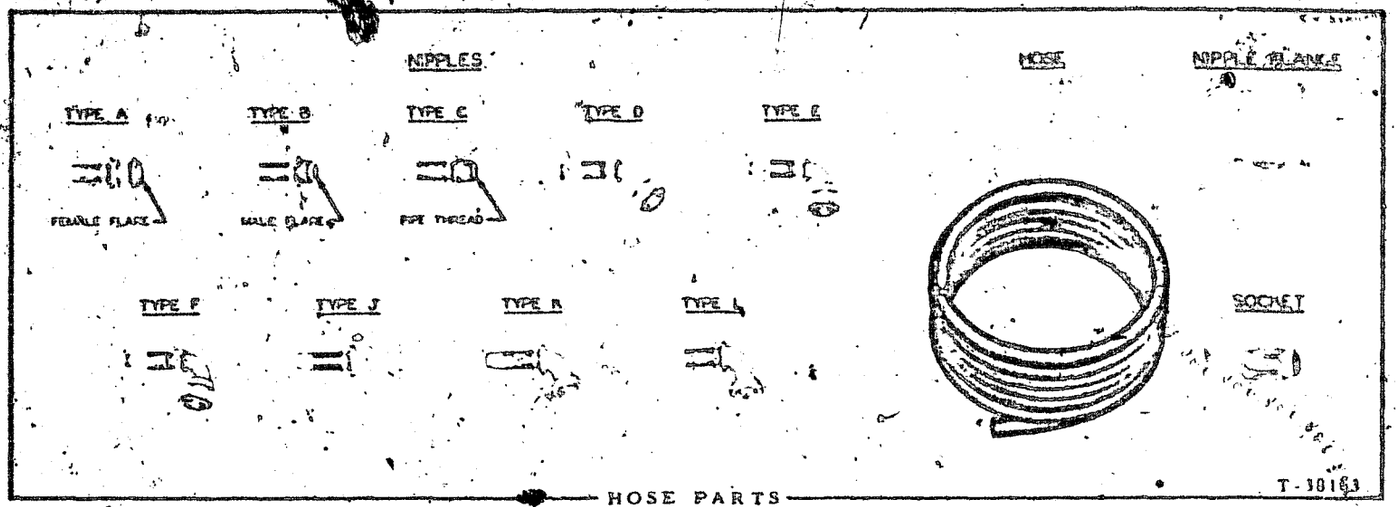
ENGINE SERIAL NO. — On right hand side of the cylinder block near the rear end. Also on plate attached to front of left battery box.

MODEL SERIAL NUMBER

Models are identified by an 8 character combination of letters and numerals.

***SERIAL NUMBER,** consisting of all 8 characters must always be submitted for positive identification of your machine. This Point Cannot Be Overemphasized.

TRACTOR MODEL	*SERIAL NO.	
	PRODUCT CODE	UNIT NO.
HD-41	99A	01001



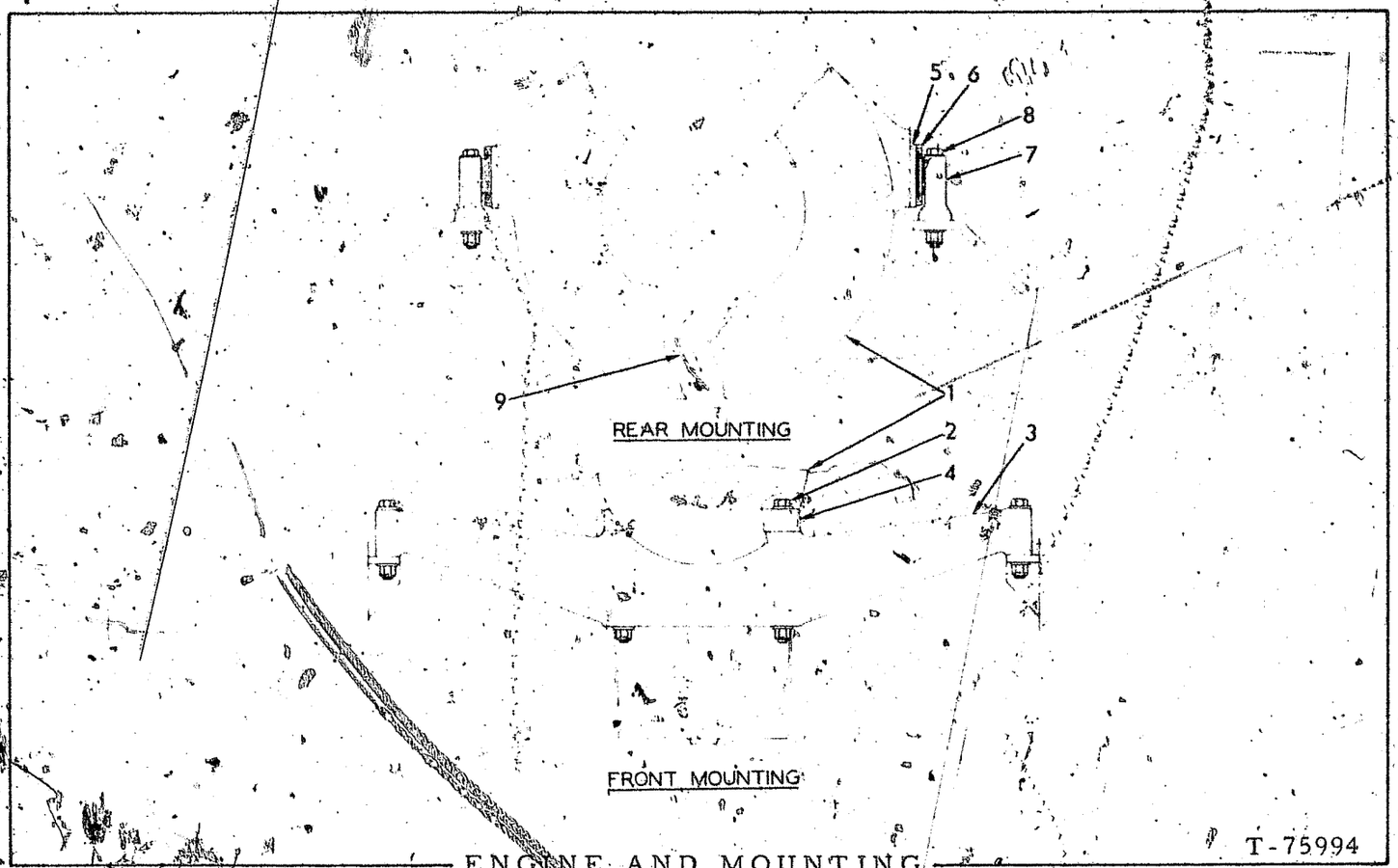
HOSE PARTS

NOTE: Refer to right hand column for identity of interchangeable crimped-type hose (fittings not reuseable). Assembly number shown in left hand column indicates available replacement hose assembly with reusable components, where no assembly number is listed, hose assembly is not available from factory but may be constructed in the field from data indicated.

HOSE ASSEMBLY NO. (See NOTE)	BULK HOSE (25' roll)	HOSE LENGTH (inches)	NIPPLE (#1 end)			NIPPLE (#2 end)			SOCKET (both ends)	NIPPLE FLANGE		CRIMPED-TYPE HOSE (See NOTE)
			Including SOCKET	NIPPLE only	Type	Including SOCKET	NIPPLE only	Type		Part No.	X Dim	Part No
	0920221-9	19-5/8	0920852-1	0920344-9	A	0920867-9	0919277-4	E	0919281-6			0646915-9
0652565-3	0919474-7	16-7/8	0920851-3	0921046-9	A		0927285-7	A	0919469-7			
0652579-4	0919474-7	36-1/2	0920859-6	0923867-6	B	0920880-0	0925470-7	D	0919469-7			
0652649-5	0920795-2	36-1/2	0921866-0	0923254-7	J	0921855-3	0923259-6	K	0920973-5			
0652650-3	0920795-2	34	0921866-0	0923254-7	J	0921855-3	0923259-6	K	0920973-5			
0652913-5	0919156-0	30	0920865-3	0919081-0	E	0920865-3	0919081-0	E	0919076-0			
0652917-6	0920221-9	47-5/8	0920852-1	0920344-9	A	0920852-1	0920344-9	A	0919281-6			
0652927-5	0920732-5	41-1/4		0926989-5	L		0926989-5	L	0920569-1			
0652928-3	0920222-7	42-1/4	0921033-7	0921034-5	A	0921033-7	0921034-5	A	0919282-4			
0652942-4	0920732-5	35-3/4		0922966-7	A	0922217-5	0922383-5	J	0920569-1			
0652944-0	0920732-5	57-3/4	0921715-9	0922141-7	L		0923704-1	L	0920569-1			
0652953-1	0919196-6	20-3/4	0920847-1	0920301-9	A	0920862-0	0919194-1	E	0919143-8			
0653269-1	0919156-0	23	0920858-8	0919080-2	B	0920865-3	0919081-0	E	0919076-0			
0653364-0	0919156-0	15-1/2	0920865-3	0919081-0	E	0920865-3	0919081-0	E	0919076-0			
0653375-6	0920222-7	47-7/8	0921033-7	0921034-5	A	0920868-7	0920144-3	E	0919282-4			
0653499-4	0919155-2	7-3/16	0920849-7	0920302-7	A	0920849-7	0920302-7	A	0919075-2			
0653536-3	0919155-2	22-15/16	0920849-7	0920302-7	A	0920849-7	0920302-7	A	0919075-2			
0653549-6	0919155-2	61-3/8	0920849-7	0920302-7	A	0920871-1	0919157-8	E	0919075-2			
0653551-2	0920732-5	80-1/2		0922966-7	A		0927011-7	L	0920569-1			
0658761-2	0920221-9	60-5/8	0920874-5	0921042-8	E	0920874-5	0921042-8	E	0919281-6			
0658762-0	0919156-0	56-1/2	0920850-5	0920303-5	A	0920865-3	0919081-0	E	0919076-0			
0663698-1	0920795-2	50-1/2	0921855-3	0923263-8	L	0921855-3	0923263-8	L	0920973-5			
0663978-5	0920794-5	57-7/8	0920944-6	0920978-4	A	0926039-9	0924978-0	L	0920972-7			
0663979-3	0920794-5	42-3/8	0920944-6	0920978-4	A		0923253-9	J	0920972-7			
0663992-6	0920982-6	32-1/8		0926979-6	K	0923202-6	0923264-6	L	0920986-7			
0665204-4	0919474-7	41-1/8	0920851-3	0921046-9	A	0920859-6	0923867-6	B	0919469-7			
0665205-1	0919155-2	57-1/4	0920849-7	0920302-7	A	0920849-7	0920302-7	A	0919075-2			
0666978-2	0920982-6	24-1/4		0927144-6	J		0926979-6	K	0920956-7			
0667031-9	0920222-7	17-13/16	0921033-7	0921034-5	A	0920875-2	0920232-6	E	0919282-4			
0669180-2	0920794-5	42-7/8	0920944-6	0920978-4	A	0926039-9	0924978-0	L	0920972-7			
0669957-3	0919155-2	18-1/2	0920849-7	0920302-7	A	0920849-7	0920302-7	A	0919075-2			
0669991-2	0919196-6	79-5/8	0920847-1	0920301-9	A	0920877-8	0919207-1	D	0919143-8			
0670094-2	0919155-2	51-3/16	0920849-7	0920302-7	A	0920849-7	0920302-7	A	0919075-2			
0670117-1	0920795-2	49-1/2	0921866-0	0923254-7	J	0921855-3	0923263-8	L	0920973-5			
0670152-8	0920221-9	20-7/8	0920852-1	0920344-9	A	0920852-1	0920344-9	A	0919281-6			
0670161-9	0919155-2	81	0920864-6	0919082-8	E	0920864-6	0919082-8	E	0919075-2			
0670164-3	0919155-2	8-7/8	0920849-7	0920302-7	A	0920864-6	0919082-8	E	0919075-2			

0670258-3	0919196-6	16-1/2	0920862-0	0919194-1	E	0920862-0	0919194-1	E	0919143-8			
0670376-3	0920794-2	50-1/2	0921855-3	0923263-8	L	0921855-3	0923263-8	L	0920973-5			
0670736-8	0920794-5	39-7/8		0923253-9	*J	0923904-7	0927099-2	**J	0920972-7			
0670737-6	0920794-5	34-7/8		0923253-9	*J	0923904-7	0927099-2	**J	0920972-7			
0670763-2	0919196-6	22-3/4	0920847-1	0920301-9	A	0920862-0	0919194-1	E	0919143-8			
0670764-0	0919196-6	84-1/4	0920847-1	0920301-9	A	0920862-0	0919194-1	E	0919143-8			
0670765-7	0919196-6	93-1/2	0920847-1	0920301-9	A	0920847-1	0920301-9	A	0919143-8			
0670766-5	0919196-6	81-3/4	0920847-1	0920301-9	A	0920862-0	0919194-1	E	0919143-8			
0670767-3	0919196-6	101-3/4	0920847-1	0920301-9	A	0920862-0	0919194-1	E	0919143-8			
0670768-1	0919196-6	78-3/4	0920862-0	0919194-1	E	0920862-0	0919194-1	E	0919143-8			
0670772-3	0920728-3	73	0920843-0	0919467-1	C	0920875-2	0920232-6	E	0919282-4			
0671174-1	0920982-6	21-1/2		0927144-6	J		0922937-8	L	0920986-7			
0671408-3	0920794-5	33	0923506-0	0922894-1	L	0923506-0	0922894-1	L	0920972-7			
0671409-1	0920794-5	31	0923506-0	0922894-1	L	0923506-0	0922894-1	L	0920972-7			
0671788-8	0919196-6	59	0920847-1	0920301-9	A	0920847-1	0920301-9	A	0919143-8			
0672502-2	0919196-6	13-3/4	0920847-1	0920301-9	A	0920862-0	0919194-1	E	0919143-8			
0672503-0	0920221-9	24-7/16	0920852-1	0920344-9	A	0920852-1	0920344-9	A	0919281-6			
0673591-4	0919196-6	77-7/16	0920847-1	0920301-9	A	0920847-1	0920301-9	A	0919143-8			
0673600-5	0920221-9	36	0920852-1	0920344-9	A	0920867-9	0919277-4	E	0919281-6			
0673604-5	0920982-6	20		0927144-6	J		0922937-8	L	0920986-7			
0673605-2	0920982-6	33-9/16		0927379-8	K	0923202-6	0923264-6	L	0920986-7			
0677462-4	0919156-0	20-3/4	0920850-5	0920303-5	A	0920850-5	0920303-5	A	0919076-0			
0677767-3	0919156-0	95-5/16	0920865-3	0919081-0	E	0920865-3	0919081-0	E	0919076-0			
0677754-4	0919156-0	23-1/2	0920850-5	0920303-5	A	0920858-8	0919080-2	B	0919076-0			
0677762-7	0919196-6	30	0920862-0	0919194-1	E	0920862-0	0919194-1	E	0919143-8			
Δ 0668395-7	0920982-6	26-7/16		0927144-6	J		0926979-6	K	0920986-7			
70681735	70920795	24-3/4	70920953	70923251	E	70921866	70923254	J	70920973			
70681736	70920795	21	70921866	70923254	J	70925073	70923262	K	70920973			
70681737	70920794	23		70923253	J	70925074	70928571	K	70920972			
70681738	70920974	28		70923253	J	70925074	70928571	K	70920972			
70682218	70920794	50	70920933	70922834	B	70926039	70924978	L	70920972			
70682245	70920794	114-3/8	70920933	70922834	B	70923904	70927099	J	70920972			
70682247	70920794	48-1/2	70920952	70923186	E	70926039	70924978	L	70920972			
70682248	70920794	70-1/2	70920957	70928835	E	70926039	70924978	L	70920972			
70682922	70920794	167-3/4	70920952	70923186	E	70923904	70927099	J	70920972			
70682938	70920794	23-1/2	70923904	70927099	J	70923506	70922894	L	70920972			
70682953	70920794	72	70920933	70922834	B	70926039	70924978	L	70920972			
70685912	70930443	19-1/4	70920849	70920302	A	70920849	70920302	A	70919075			
70697735	70931158	23-1/2	70923904	70927099	J	70923506	70922894	L	70920972			
70697739	70931158	41-1/2	70920944	70920978	A	70925074	70928571	K	70920975			
70697740	70931158	47	70920948	70920978	A	70925074	70928571	K	70920975			
70697744	70931158	127-7/8	70920944	70920978	A	70920952	70923186	E	70920975			
73112820	70931158	39-5/8	70920944	70920978	A	70926039	70924978	L	70920975			
73112821	70931158	60-1/8	70920944	70920978	A	70926039	70924978	L	70920975			

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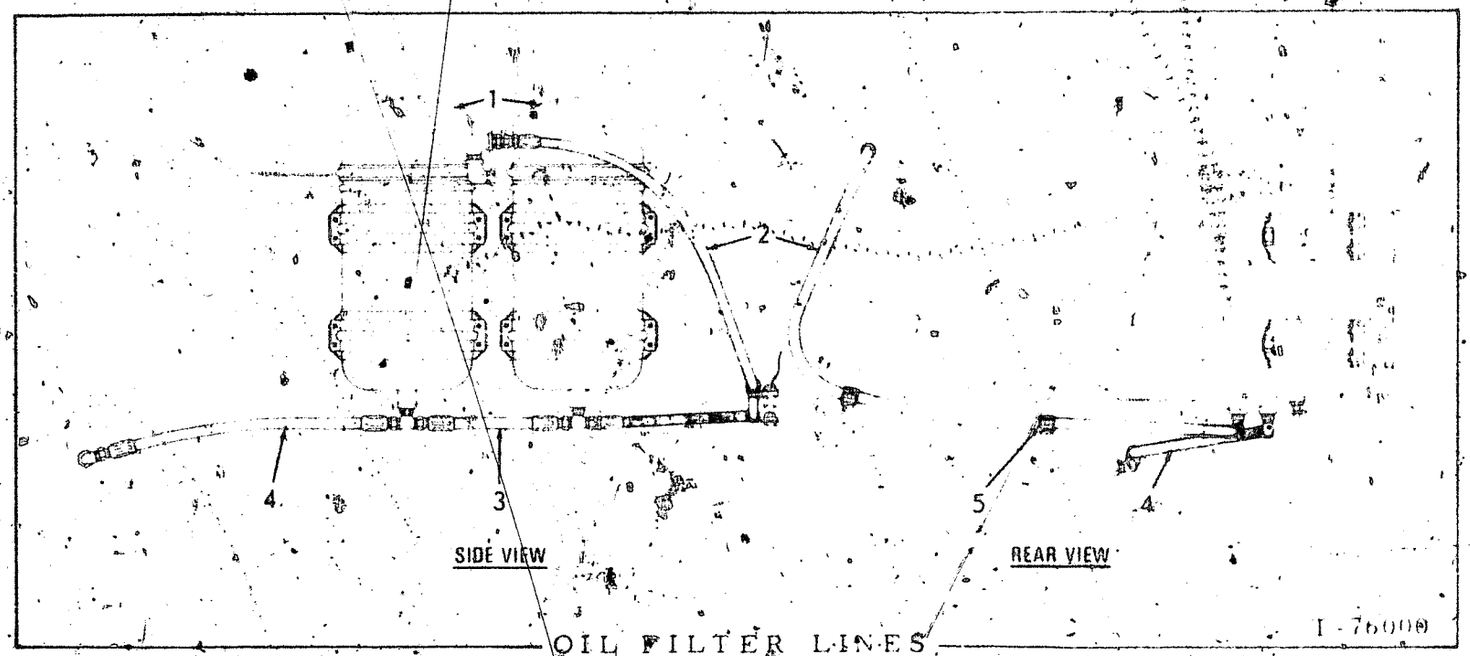


ENGINE AND MOUNTING

ITEM	PART NO.	QTY.	DESCRIPTION
1	70658220	1	ENGINE ASSY. (Includes coolant filter, water pump belts and fuel filters but does not include by-pass oil filter, air cleaner and exhaust, fan, fan belts, fan idler and tightener, starter or alternator)(Engine parts and service may be obtained from authorized CUMMINS ENGINE DEALERS)
2	70662123	2	CAPSCREW, drilled-end, 3/4"NF x 10-5/16"
	70926199	4	WASHER, plain (1/8" thick)
	70673037	2	NUT, slotted, 3/4"NF
	70900806	2	PIN, cotter, 1/8" x 1"
3	70662088	1	BRACKET
	70662122	2	CAPSCREW, drilled-end, 3/4"NF x 5-3/8"
	70926199	4	WASHER, plain (1/8" thick)
	70673037	2	NUT, slotted, 3/4"NF
	70900806	2	PIN, cotter, 1/8" x 1"
4	-------	1	SUPPORT (Engine component. See authorized CUMMINS ENGINE DEALER)
5	70670457	2	TRUNNION (Tractors prior to unit #02037 excluding 02035)
	70682555	2	TRUNNION (Tractors unit #02037 and up including 02035)
6	70929087	8	CAPSCREW, drilled-hd., 5/8"NC x 1-1/2"
	70023633	4	WIRE
7	70682549	2	BRACKET
8	70682224	4	CAPSCREW, drilled-end, 3/4"NF x 6-3/4"
	70926199	8	WASHER, plain (1/16" thick)
	70673037	4	NUT, slotted, 3/4"NF
	70900808	4	PIN, cotter, 1/8" x 1-1/2"
9	70653601	1	BAFFLE
	70012468	2	CAPSCREW, 5/16"NC x 7/8"
	70092605	2	WASHER, plain
	70023633	1	WIRE

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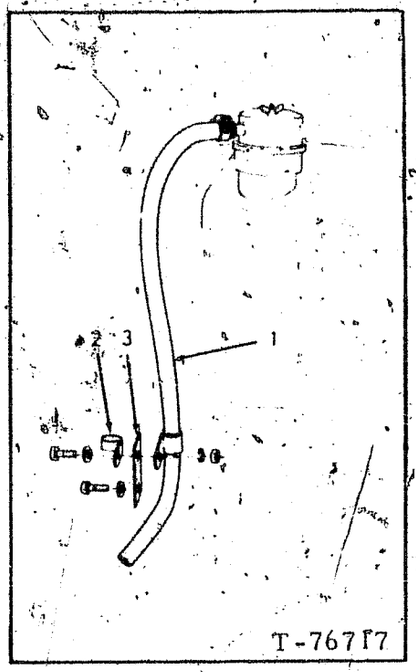


OIL FILTER LINES
(By-pass type)

ITEM	PART NO.	QTY.	DESCRIPTION
1	-------	2	FILTER ASSY. (See B-14)
	70921566	16	CAPSCREW, 5/16" NC x 1"
	70929662	16	WASHER, plain
2	70665205	1	HOSE (See HOSE PARTS)
	70919127	2	CONNECTOR, flare type, 3/8" tube, 1/2" NPT male
	70921013	2	ELBOW, flare type, 90°, adjustable, 3/8" tube, 9/16" straight thd
3	70653499	2	HOSE (See HOSE PARTS)
	70922322	2	ELBOW, 90°, flare type, 3/8" tube, 1/2" NPT male
	70919137	2	TEE, flare type, 3/8" tube, 1/4" NPT male
	70901839	2	BUSHING, reducing, 1/2" NPT to 1/4" NPT
4	70653536	1	HOSE (See HOSE PARTS)
	70922322	1	ELBOW, 90°, flare type, 3/8" tube, 1/2" NPT male
	70901828	1	BUSHING, reducing, 3/4" NPT to 1/2" NPT
5	70927385	2	CLIP
	70922662	2	CAPSCREW, 3/8" NC x 7/8"
	70677006	2	WASHER, plain

B-13

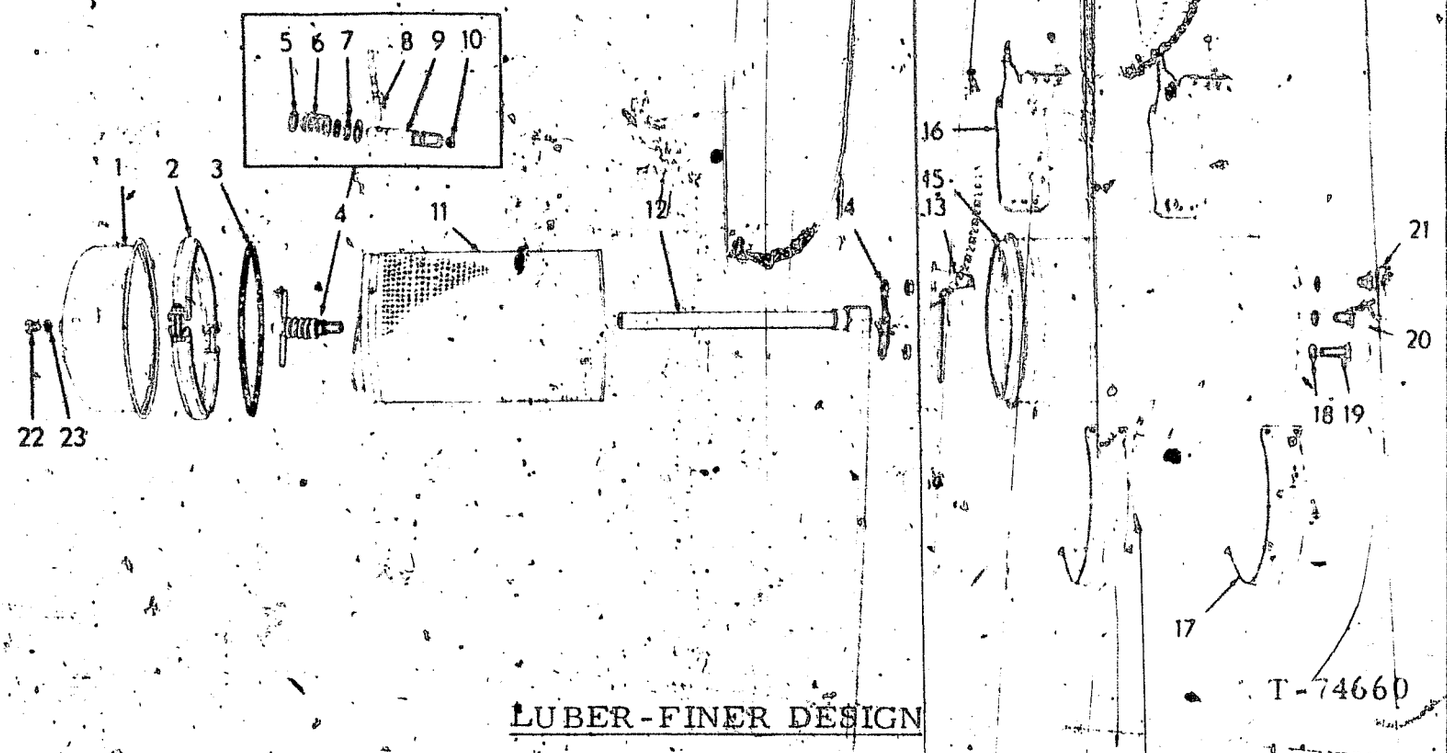
ENGINE BREATHER HOSE



ITEM	PART NO.	QTY.	DESCRIPTION
1	70665243	2	HOSE
	70921911	2	CLAMP
2	70927264	3	CLIP
	70921076	1	CAPSCREW, 3/8" NC x 1-1/4"
	70677006	1	WASHER, plain
	70911026	1	NUT, 3/8" NC
3	70663584	1	STRAP, hose supporting
	70677006	1	WASHER, plain

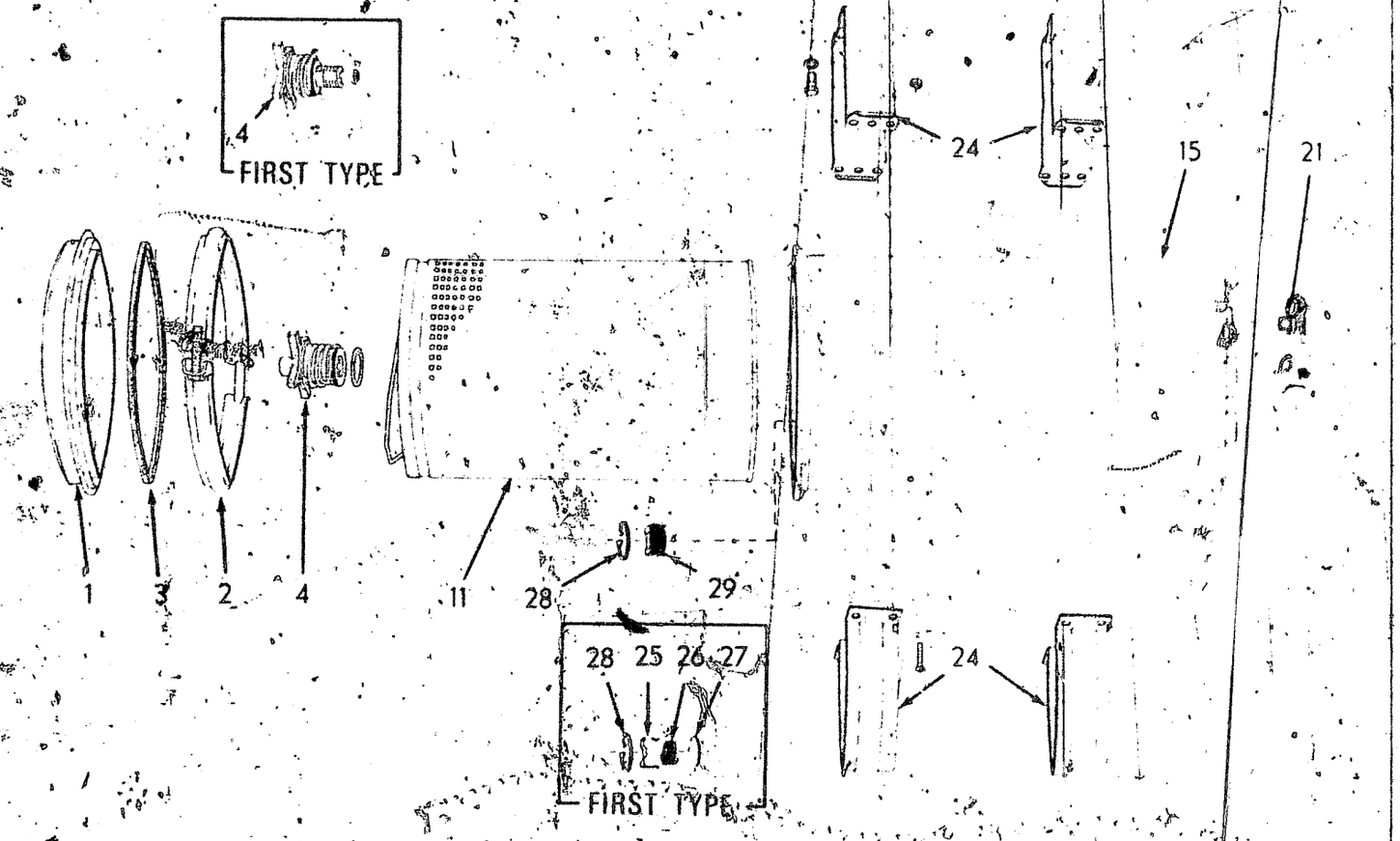
ENGINE FILTER ELEMENTS
(Not illustrated)

ITEM	PART NO.	QTY.	DESCRIPTION
1	70658126	3	ELEMENT, lube oil (Requires O-RINGS indented below for each replacement)
	70923850	1	O-RING
	70925966	3	O-RING
2	70658128	2	ELEMENT, fuel filter (Includes gasket)
3	70658129	4	ELEMENT, water filter (bag-type)(Early units)
	70681546	2	ELEMENT, water filter (Spin-on)(Late units)(service element)



T-74660

LUBER-FINER DESIGN



T-76480

FLEETGUARD DESIGN

OIL FILTER (By-pass type)

(Revised November 1977)

OIL FILTER (By-pass type)

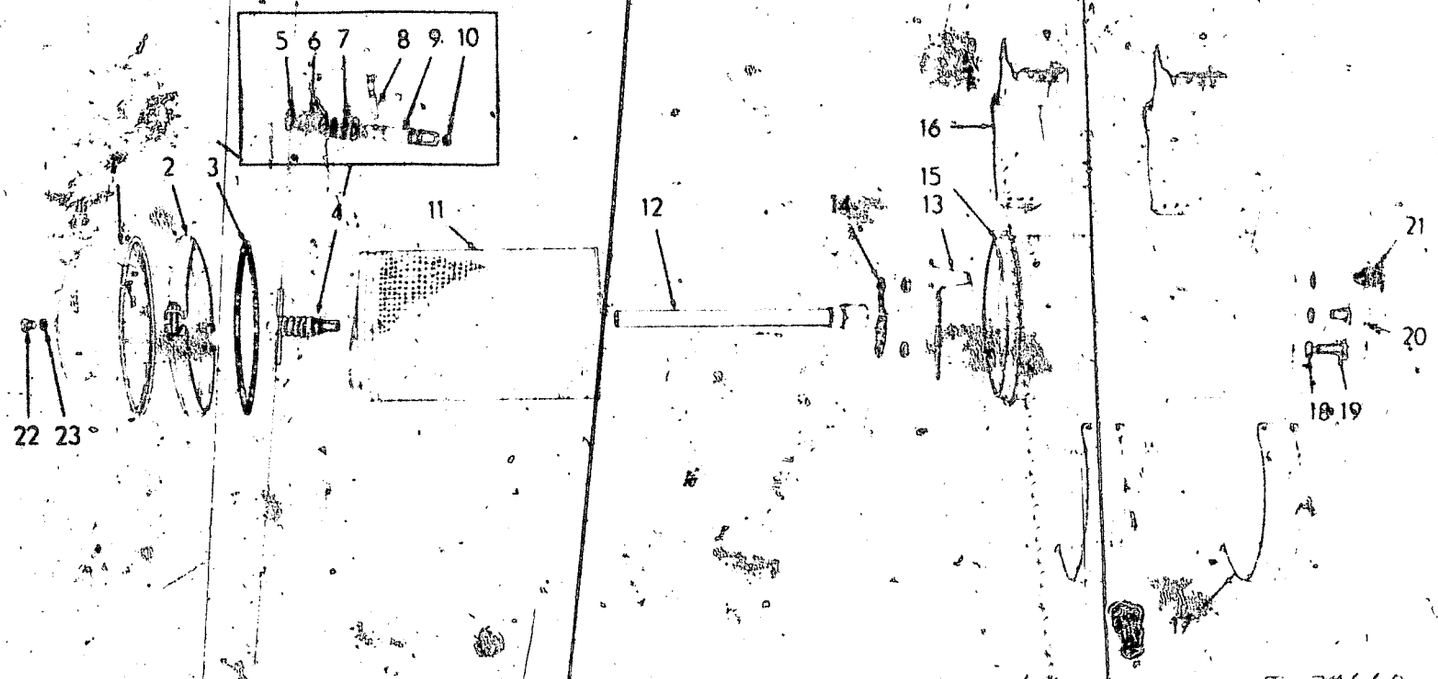
USAGE: See B-12

NOTE: This Filter Assembly is available in two designs, "Fleetguard" and "Luber-Finer". Check which is applicable to your unit and order service parts accordingly.

* Luber-Finer Design
** Fleetguard Design

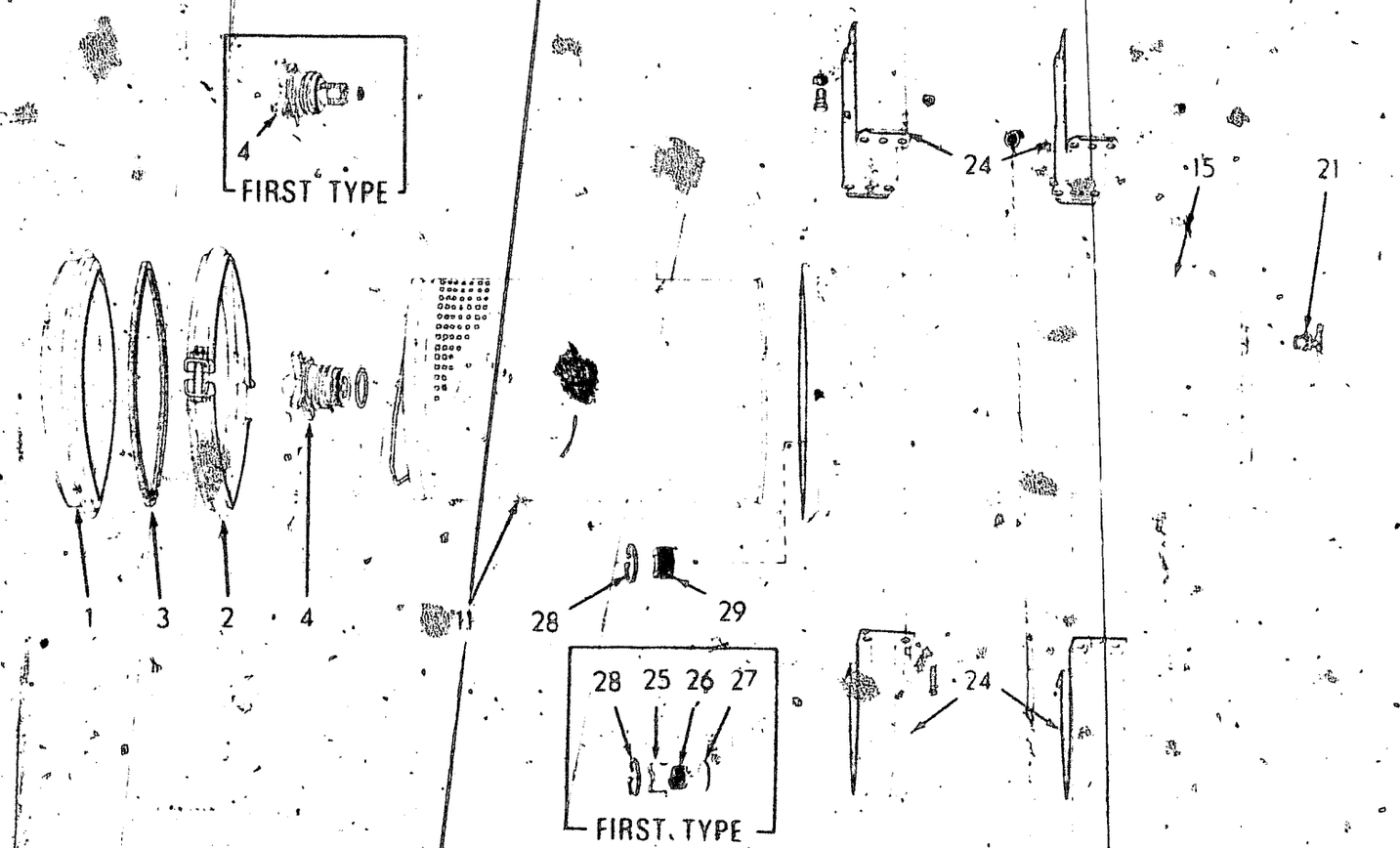
ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION
-	74390593	2	-	FILTER ASSY. (Includes items 1 thru 23)
-	74390593	-	2	FILTER ASSY. (Includes items 1 thru 4, 11, 15, 21, and 24 thru 29)
				NOTE: Quantities indicated are for one (1) filter only
1	74059262	1	-	COVER
	74059813	-	1	COVER
2	70630540	1	-	RING ASSY. (Includes nut and bolt)
	74059814	-	1	COUPLING ASSY. (Includes hardware. Serviced only as a unit)
3	70082449	1	-	GASKET
	74061787	-	1	GASKET
4	74059266	1	-	HOLD-DOWN ASSY. (Includes items 5 thru 10)
	74060691	-	1	SUPPORT ASSY. (Male thread post) (First type) } Each includes O-RING. Service only as a unit
	74061788	-	1	SUPPORT ASSY. (Female thread post)(Second type) } Each includes O-RING. Service only as a unit
5	70082489	3	-	WASHER
6	70082490	1	-	SPRING
7	70082487	1	-	SEAL
8	70082488	1	-	HANDLE
9	--------	1	-	STUD (Not serviced separately)
10	74059265	1	-	PLUG
11	74059343	1	1	ELEMENT
12	74059264	1	-	TUBE ASSY. (Includes nut)
13	70096816	1	-	SUPPORT
	70911049	2	-	NUT, jam, 5/8"NF
14	70096815	1	-	RETAINER
15	--------	1	-	HOUSING (Not serviced separately)
	--------	-	1	SHELL (Female thread post)(First type)(For initial replacement order SHELL 74061785 and SUPPORT ASSY. 74061788)
	74061785	-	1	SHELL (Male thread post)(Second type)
16	70082444	2	-	BRACKET
17	70082443	2	-	BAND
	70915406	8	-	CAPSCREW, 1/4"NC x 3/4"
	70911024	8	-	NUT, 1/4"NC
18	70063891	3	-	GASKET
19	70063890	1	-	VALVE ASSY. (Includes 1 spring, 1 ring, 1 cup. Serviced only as a unit)
20	70080758	1	-	VALVE ASSY. (Includes 1 spring, 1 ring, 1 cup. Serviced only as a unit)

(Continued)



T-74660

LUBER-FINER DESIGN



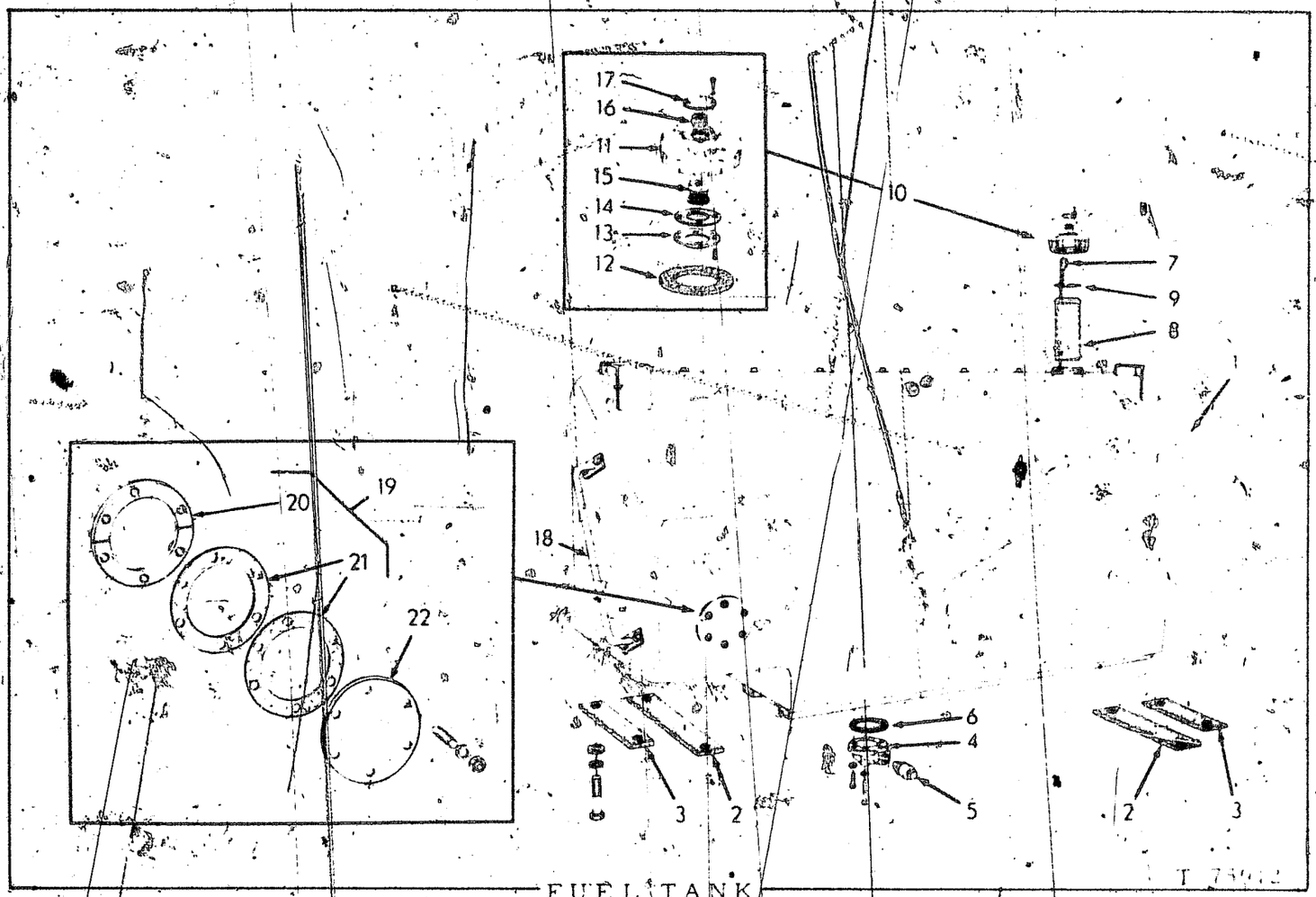
T-76480

FLEETGUARD DESIGN

OIL FILTER (By-pass type)(Continued)

ITEM	PART NO.	QTY *	QTY **	DESCRIPTION
21	74060755	1	-	COCK
	70229210	-	1	COCK
22	70084897	1	-	PLUG
23	70084899	1	-	WASHER
24	74061786	-	1	BRACKET ASSY. (2-piece, includes hardware. Serviced only as a unit)
25	74059810	-	1	CAGE } Order item 29 First type
26	74059811	-	1	SPRING } Order item 29 First type
27	74059812	-	1	DISC } Order item 29 First type
28	74253555	-	1	RING
29	74061789	-	1	VALVE, check

(Added November 1977)



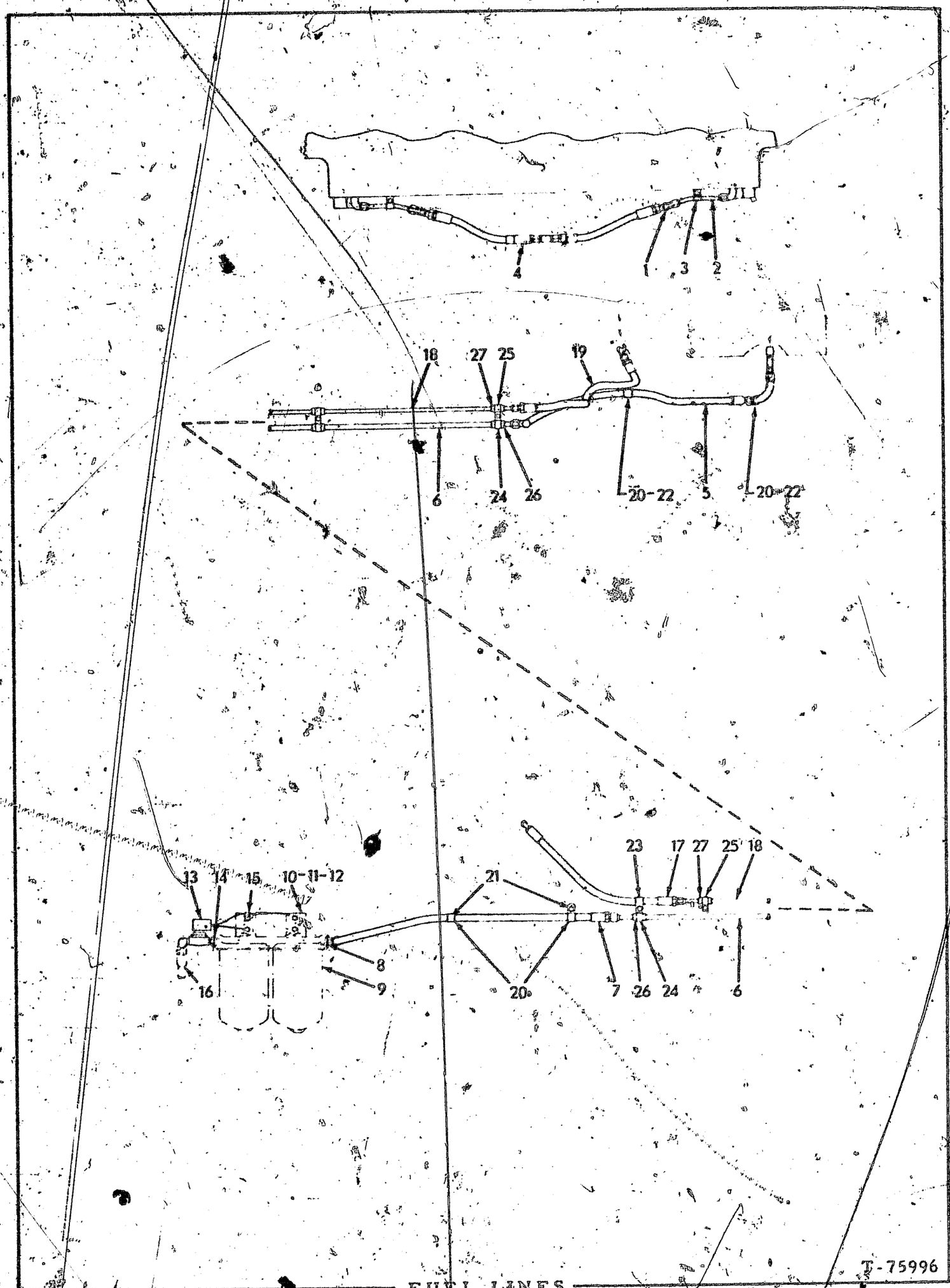
FUEL TANK

ITEM	PART NO.	QTY.	DESCRIPTION
1	0652563	1	TANK (Standard) — Tractors prior to unit #02460 excluding #02456
	0671976	1	TANK (Special. For tractors with Quick Fueling) — Tractors prior to unit #02460 excluding #02456
	0683949	1	TANK (Tractors unit #02460 and up including 02456)
	0901669	1	PLUG, pipe, 2" NPT
	0922789	8	CAPSCREW, 3/4" NC x 3"
	0677012	8	WASHER, plain
2	0652568	2	PAD
3	0670471	2	PAD
4	0662132	1	COVER
	0921076	4	CAPSCREW, 3/8" NC x 1-1/4"
	0920996	2	CAPSCREW, 3/8" NC x 2-1/4"
	0910287	6	LOCKWASHER, 3/8"
5	0652519	1	COCK
6	0656227	1	GASKET
7	0099469	1	GAUGE

(Continued)

FUEL TANK (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
8	0650509	1	STRAINER	
9	0654840	1	RING	
10	0668252	1	CAP ASSY. (Consists of items 11 thru 17)	
11	-------	1	CAP	
12	0668263	1	GASKET	
13	0668806	1	SEAT	
	0926699	4	SCREW, fil.-hd., brass, #10-24NC x 3/8"	
14	0668804	1	GASKET	
15	0668805	1	VALVE ASSY.	
16	0664867	1	ELEMENT	
17	0668262	1	COVER	
	0921181	2	SCREW ASSY., #10-24NC x 1/2" (Includes lockwasher)	
18	0685532	2	HANDLE	Tractors unit #02460 and up including #02456
	0922763	8	CAPSCREW, 3/8"NC x 1"	
	0677006	8	WASHER, plain	
19	3100014	1	FLANGE ASSY. (Includes items 20 and 21 and hardware indented below)	
	0919350	6	SETSCREW, 1/2"NC x 2"	
	0904208	6	LOCKWASHER, 1/2"	
	0910325	6	NUT, 1/2"NC	
20	-------	2	FLANGE (Order item 19)	
21	3100021	2	GASKET	
22	0683818	1	COVER	

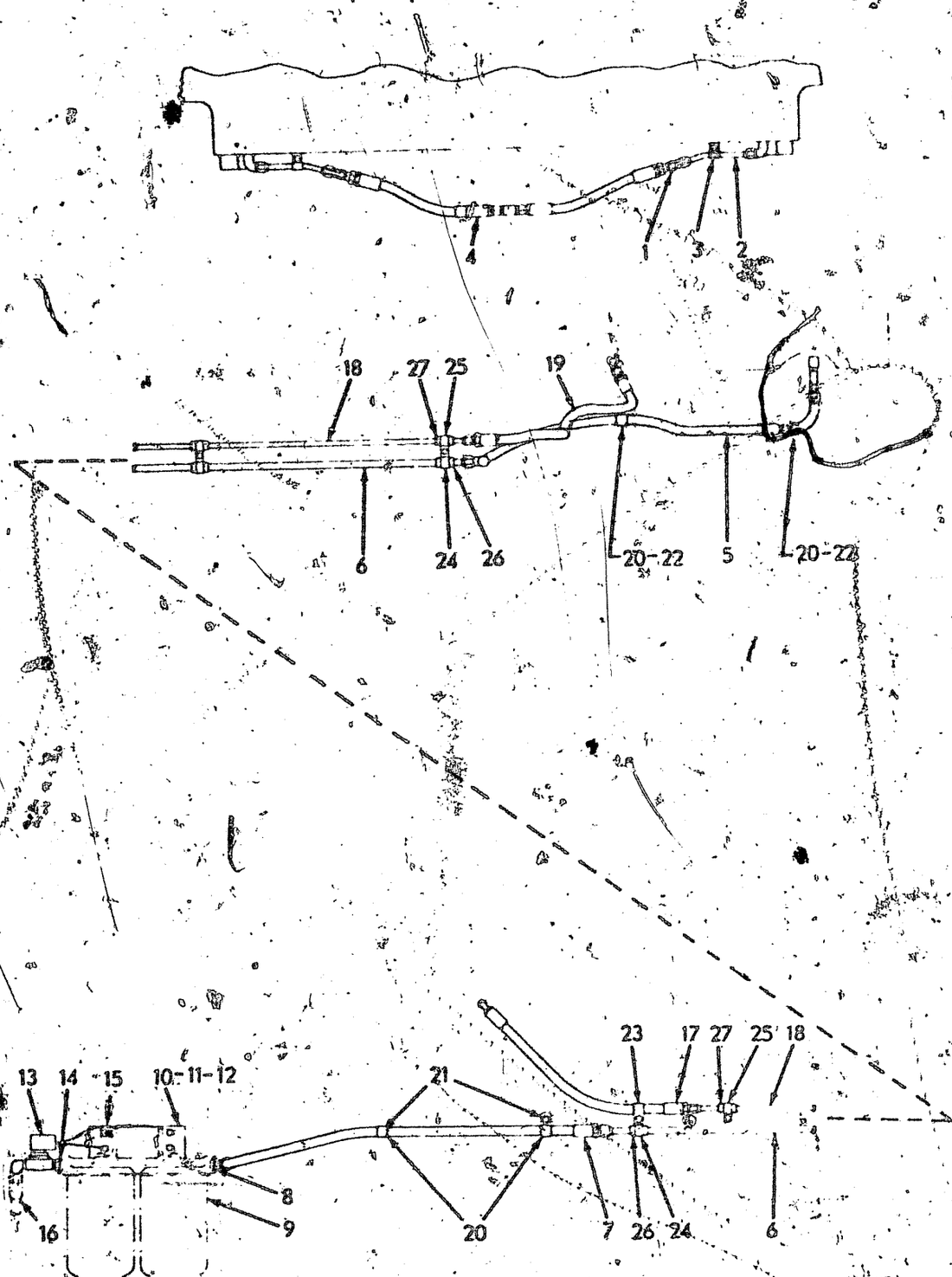

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T-75996

FUEL LINES

ITEM	PART NO.	QTY.	DESCRIPTION
1	0680078	2	VALVE
	0915389	2	ELBOW, street, 90°, 3/8"NPT
2	0652575	2	TUBE
	0919206	2	ELBOW, flare type, 1/2" tube, 3/8"NPT male
3	0620063	2	CLIP
	0927219	2	CAPSCREW, 1/2"NC x 3/4"
	0677008	2	WASHER, plain
4	0652565	2	HOSE (See HOSE PARTS)
5	0652579	1	HOSE (See HOSE PARTS)
	0921141	1	TEE, union, flare type, 5/8" tube
	0921325	1	ELBOW, flare type, swivel nut, 5/8" tube
6	0652583	1	TUBE
7	0665204	1	HOSE (See HOSE PARTS)
	0921327	1	ELBOW, adjustable, 90°, flare type, 5/8" tube, 7/8"NF (Includes washer, nut and item 8)
8	0921205	1	O-RING
9	-------	-	FILTER (Engine component. See authorized CUMMINS ENGINE DEALER)
	0914847	4	CAPSCREW, 3/8"NC x 1-1/2"
	0911115	1	WASHER, plain, SAE std., 3/8"
	0906960	1	LOCKWASHER, internal teeth, 3/8"
	0904206	4	LOCKWASHER, 3/8"
	0911026	4	NUT, 3/8"NC
10	0665203	1	BRACKET
11	0916315	2	CAPSCREW, 1/2"NC x 2-1/4"
12	0916316	1	CAPSCREW, 1/2"NC x 2-1/2"
	0904208	3	LOCKWASHER, 1/2"
	0006531	1	WASHER, plain
	0911028	3	NUT, 1/2"NC
13	0664422	1	VALVE (electric)
	0925781	1	ADAPTER, flare type, 5/8" tube, 1/2"NPT male (Includes item 14)
	0920662	1	ELBOW, 90°, flare type, 5/8" tube, 1/2"NPT male
14	0921205	1	O-RING
15	0639388	1	CLIP
16	-------	-	HOSE (Engine component. See authorized CUMMINS ENGINE DEALER)
17	0653269	1	HOSE (See HOSE PARTS)
18	0652580	1	TUBE
19	0677754	1	HOSE (See HOSE PARTS)
	0919206	1	ELBOW, flare type, 90°, 1/2" tube, 3/8"NPT male

(Continued)


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T-75996

FUEL LINES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
20	0927387	1	CLIP
21	0922262	2	CAPSCREW, 3/8"NC x 7/8"
	0677006	2	WASHER, plain
22	0920585	2	CAPSCREW, 1/2"NC x 1-3/4"
	0677008	2	WASHER, plain
23	0927386	1	CLIP
24	0925964	3	CLIP
	0922262	3	CAPSCREW, 3/8"NC
	0677006	3	WASHER, plain
25	0927510	3	CLIP
	0922262	1	CAPSCREW, 3/8"NC x 7/8"
	0677006	1	WASHER, plain
26	0664118	3	BOOT (9/16"I.D.)
27	0098752	3	BOOT (7/16"I.D.)

NOTICE

Allis-Chalmers Corporation and Fiat S.p.A. entered into a joint venture agreement to combine their manufacture, sale and service of construction machinery products throughout the world after January 1, 1974.

In view of the new enterprise, wherever in this publication reference is made to Allis-Chalmers or your Allis-Chalmers dealer, such reference is intended to identify Fiat-Allis Construction Machinery, Inc. or your Fiat-Allis dealer.

Also, for this new enterprise, a new series of 8-digit part numbers is in effect. This change is accomplished by eliminating the "check digit" wherever it may appear, and then, to this basic part number, prefixing a "7" (or "7" plus one or more zeros) to make a full 8-digit part number.

Examples:

667367	becomes 70667367
0688917-4	becomes 70688917
3060101-7	becomes 73060101

All part numbers listed herein must be changed per the above formula before ordering.

FOR NEW PART NUMBERS INTRODUCED ON THIS FICHE ISSUANCE SEE GRID L-1, L-2

ALPHABETICAL INDEX

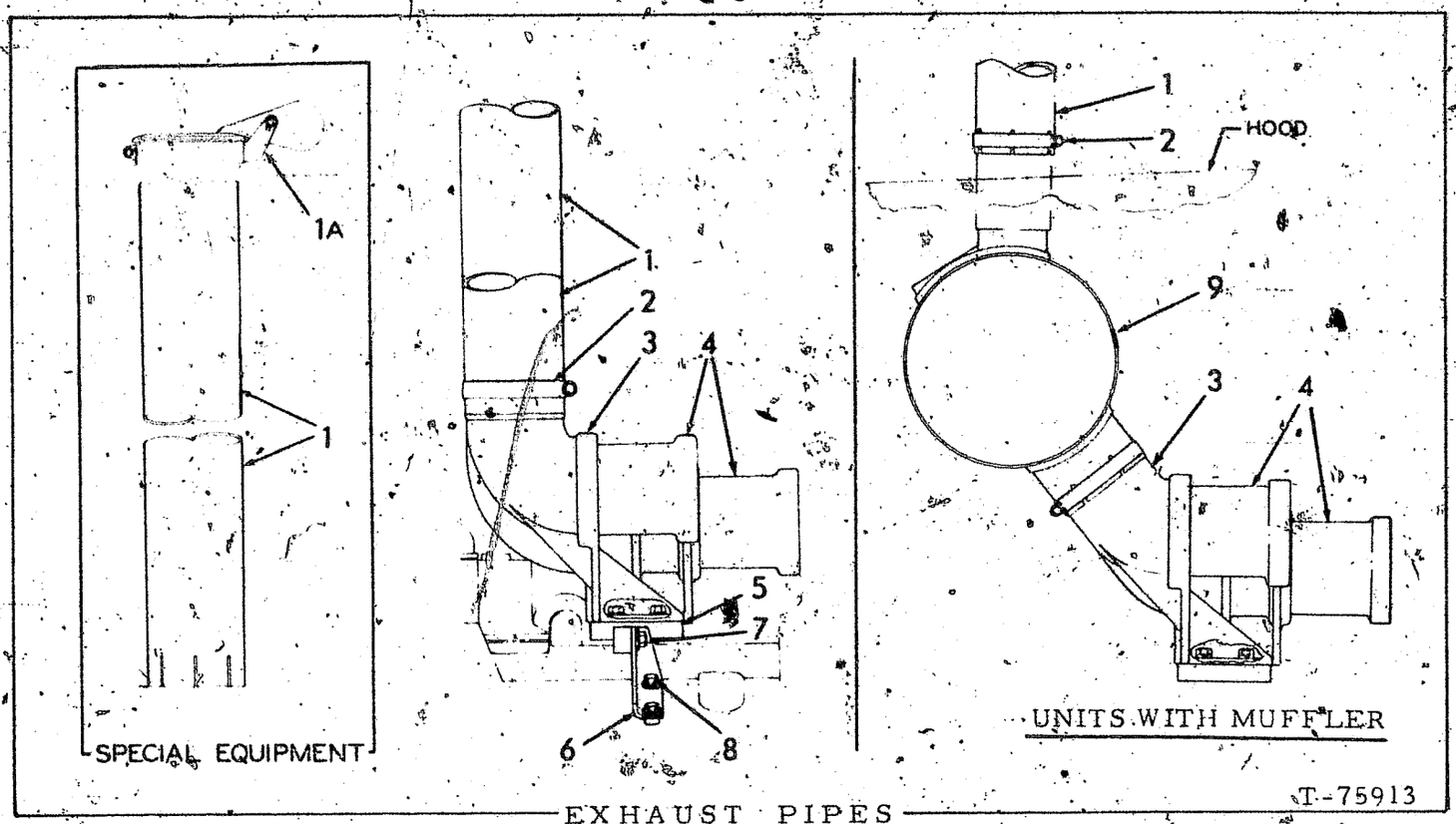
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FOR NEW PART NUMBERS INTRODUCED ON THIS FICHE ISSUANCE SEE GRID L-1, L-2

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EXHAUST PIPES

NOTE: For initial field installation of muffler, refer to Machinery Manual.

* Tractors without muffler
** Tractors equipped with muffler

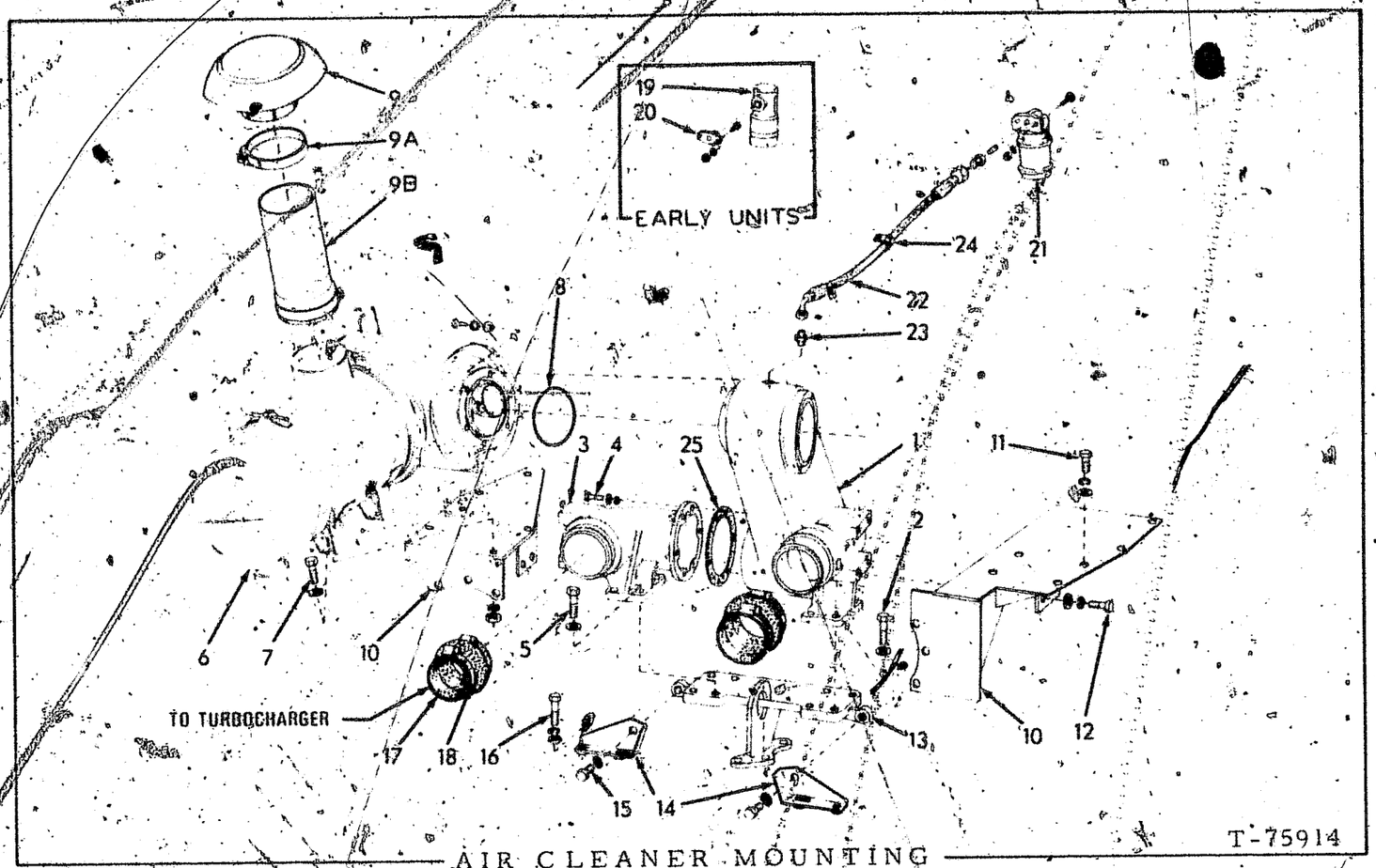
ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION
1	70650481	2	-	PIPE
	70193225	-	2	PIPE
	70677001	2	2	PIPE (Special)
1A	70097354	2	2	CAP, rain (Special)
2	70629755	2	2	CLAMP ASSY. (Includes hardware)
3	70661770	1	-	ELBOW } left
	70683068	-	1	ELBOW } left
	70663369	1	-	ELBOW } right
	70683070	-	1	ELBOW } right
	70924864	8	-	CAPSCREW, 1/2"NC x 2-1/4" } Tractors prior to unit #01425
	70912441	8	-	LOCKWASHER, 1/2" } Tractors prior to unit #01425
	70911028	8	-	NUT, 1/2"NC } Tractors prior to unit #01425
	70920583	8	8	CAPSCREW, 1/2"NC x 1-1/2" } Tractor units #01425 and up
	70912441	8	8	LOCKWASHER, 1/2" } Tractor units #01425 and up



(Continued)

EXHAUST PIPES (Continued)

ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION
4	0664318	2	2	ADAPTER
5	0665972	1	-	BRACKET (Tractors prior to unit #01425)
	0677859	1	1	BRACKET (Tractors unit #01425 and up)
6	0669035	1	1	BRACKET, left side
	0669036	1	1	BRACKET, right side
7	0920583	2	2	CAPSCREW, 1/2"NC x 1-1/2"
	0677008	2	2	WASHER, plain
8	0915990	4	4	CAPSCREW, 3/8"NC x 2-3/4"
	0904206	4	4	LOCKWASHER, 3/8"
	0044973	4	4	WASHER, plain
9	0683071	1	1	MUFFLER



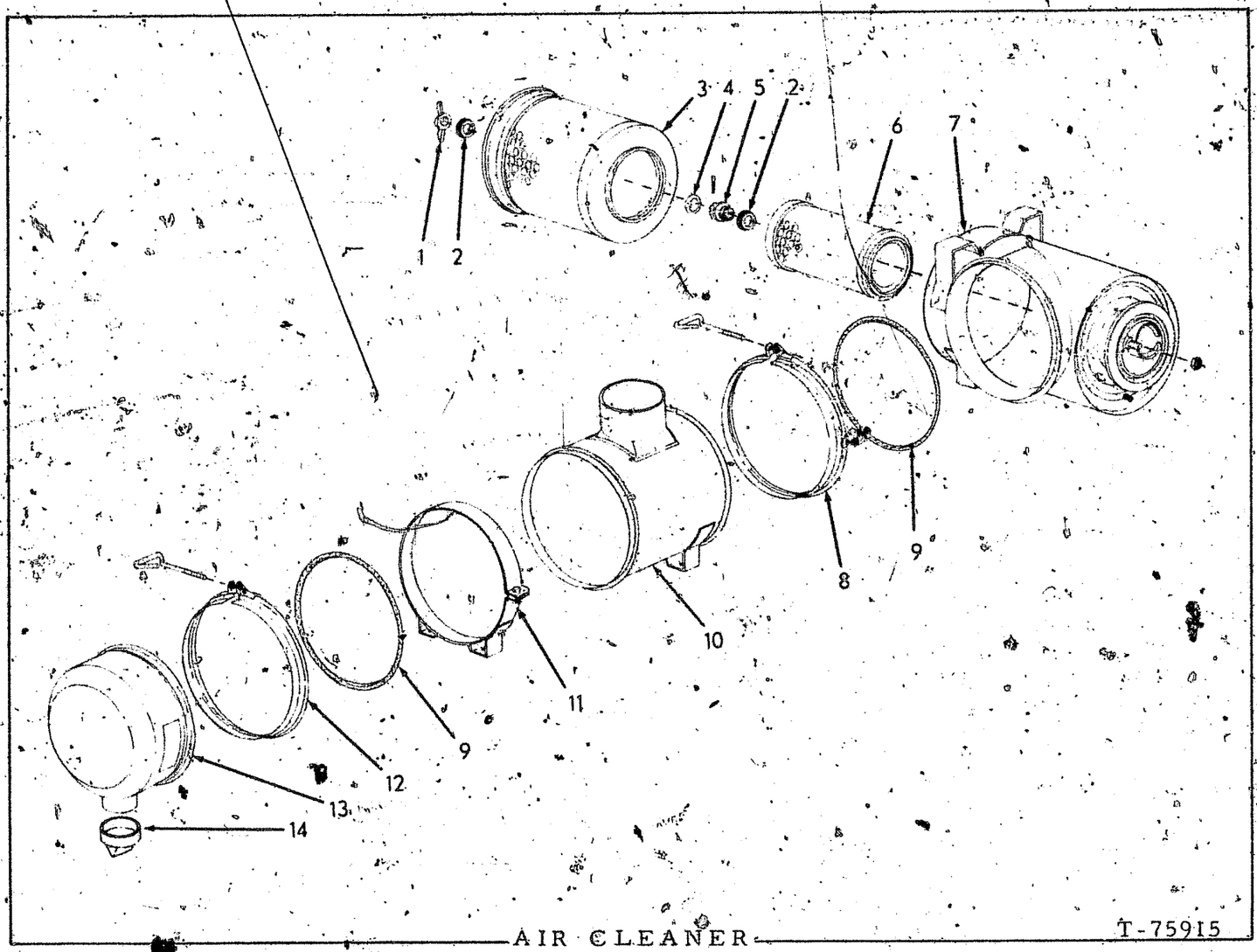
AIR CLEANER MOUNTING

ITEM	PART NO.	QTY.	DESCRIPTION	
1	0665941	1	ELBOW	
2	0922526	4	CAPSCREW, 1/2"NC x 2-1/2"	Tractors prior to unit #01425
	0677008	4	WASHER, plain	
	0912441	4	LOCKWASHER, 1/2"	
	0911028	4	NUT, 1/2"NC	Tractors unit #01425 and up
	0920585	4	CAPSCREW, 1/2"NC x 1-3/4"	
	0677008	4	WASHER, plain	
3	0663746	1	ELBOW	
4	0914847	6	CAPSCREW, 3/8"NC x 1-1/2"	
	0904206	6	LOCKWASHER, 3/8"	
	0911115	6	WASHER, plain, SAE std., 3/8"	
5	0922526	4	CAPSCREW, 1/2"NC x 2-1/2"	Tractors prior to unit #01425
	0677008	4	WASHER, plain	
	0912441	4	LOCKWASHER, 1/2"	
	0911028	4	NUT, 1/2"NC	
	0920585	4	CAPSCREW, 1/2"NC x 1-3/4"	Tractors unit #01425 and up
	0677008	4	WASHER, plain	
6	------	2	CLEANER ASSY. (See C-7)	
7	0921076	12	CAPSCREW, 3/8"NC x 1-1/4"	
	0677006	24	WASHER, plain	
	0910324	12	NUT, 3/8"NC	

(Continued)

AIR CLEANER MOUNTING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
8	70927224	2	O-RING
9	70664284	2	CAP (Tractors prior to unit #01462)
	70680531	2	CAP ASSY. (Includes item 9A)(Tractors unit #01462 and up)
9A	70680532	2	CLAMP } Effective with tractors unit #01462
9B	70680530	2	TUBE }
10	70659443	1	BRACKET (left)
	70659450	1	BRACKET (right)
11	70920328	6	CAPSCREW, 1/2"NC x 1-1/2" (plated)
	70904208	6	LOCKWASHER, 1/2"
	70910244	6	WASHER, plain, SAE std., 1/2"
12	70916313	8	CAPSCREW, 1/2"NC x 1-3/4"
	70904208	8	LOCKWASHER, 1/2"
	70064531	8	WASHER, plain
13	70665974	1	BRACKET (Tractors prior to unit #01425)
	70677860	1	BRACKET (Tractors unit #01425 and up)
14	70669035	1	BRACKET
	70669036	1	BRACKET
15	70920583	2	CAPSCREW, 1/2"NC x 1-1/2"
	70677008	2	WASHER, plain
16	70915990	4	CAPSCREW, 3/8"NC x 2-3/4"
	70904206	4	LOCKWASHER, 3/8"
	70044973	4	WASHER, plain
17	70174608	2	HOSE
18	70930382	4	CLAMP
19	------	1	INDICATOR (Order item 21) } Early units
20	730455310	1	FLANGE } Early units
	70912789	2	CAPSCREW, 1/4"NF x 3/4" } Early units
	70904204	2	LOCKWASHER, 1/4" } Early units
	70911040	2	NUT, 1/4"NF } Early units
21	70680946	1	INDICATOR, air restriction (Late units)
	70912789	2	CAPSCREW, 1/4"NF x 3/4"
	70904204	2	LOCKWASHER, 1/4"
	70911040	2	NUT, 1/4"NF
22	70672502	1	HOSE (See HOSE PARTS)
	70919174	1	CONNECTOR, flare type, 1/4" tube, 1/8" NPT female
	70904273	1	NIPPLE, pipe, 1/8"NPT x 1"
23	70631769	1	FITTING
24	70927177	1	CLIP
25	70658759	1	GASKET



AIR CLEANER T-75915

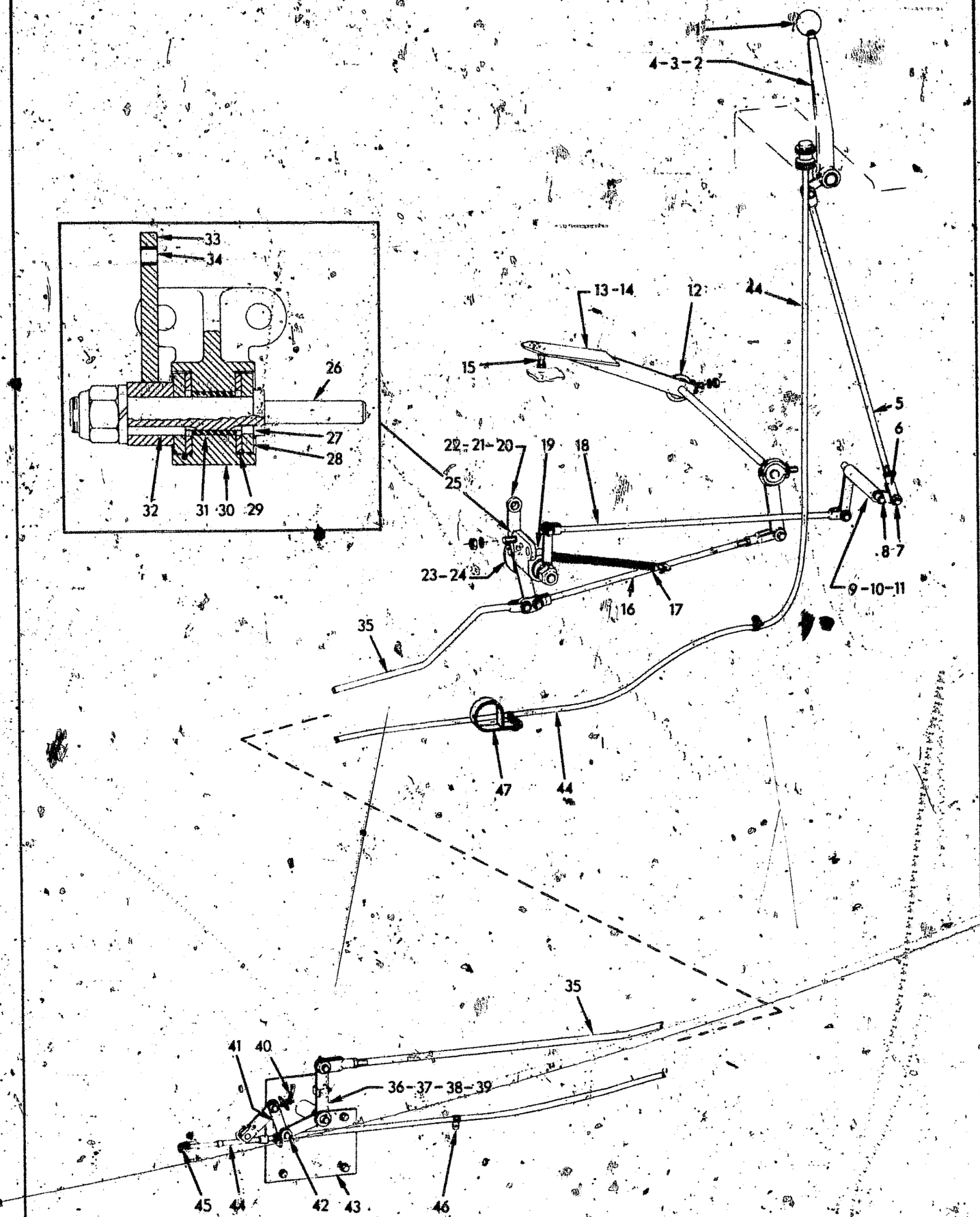
USAGE: See C-6.

ITEM	PART NO.	QTY.	DESCRIPTION
-	0663856	2	CLEANER ASSY. (Includes items 1 thru 14)
			NOTE: Quantities indicated below are for one (1) Cleaner Assy. only
1	0671431	1	NUT
2	0667684	2	GASKET
3	0674967	1	ELEMENT (Includes item 2)
4	0671433	1	CLIP
5	0667683	1	NUT
	0900808	1	PIN, cotter, 1/8" x 1-1/2"
6	0667685	1	ELEMENT (Includes item 2)
7	0671432	1	BODY
8	4055120	1	CLAMP
9	0620721	2	O-RING

(Continued)

AIR CLEANER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
10	70667688	1	BODY
11	74388383	1	BAND
12	70621530	1	CLAMP
13	70667689	1	CUP
14	70684057	1	UNLOADER

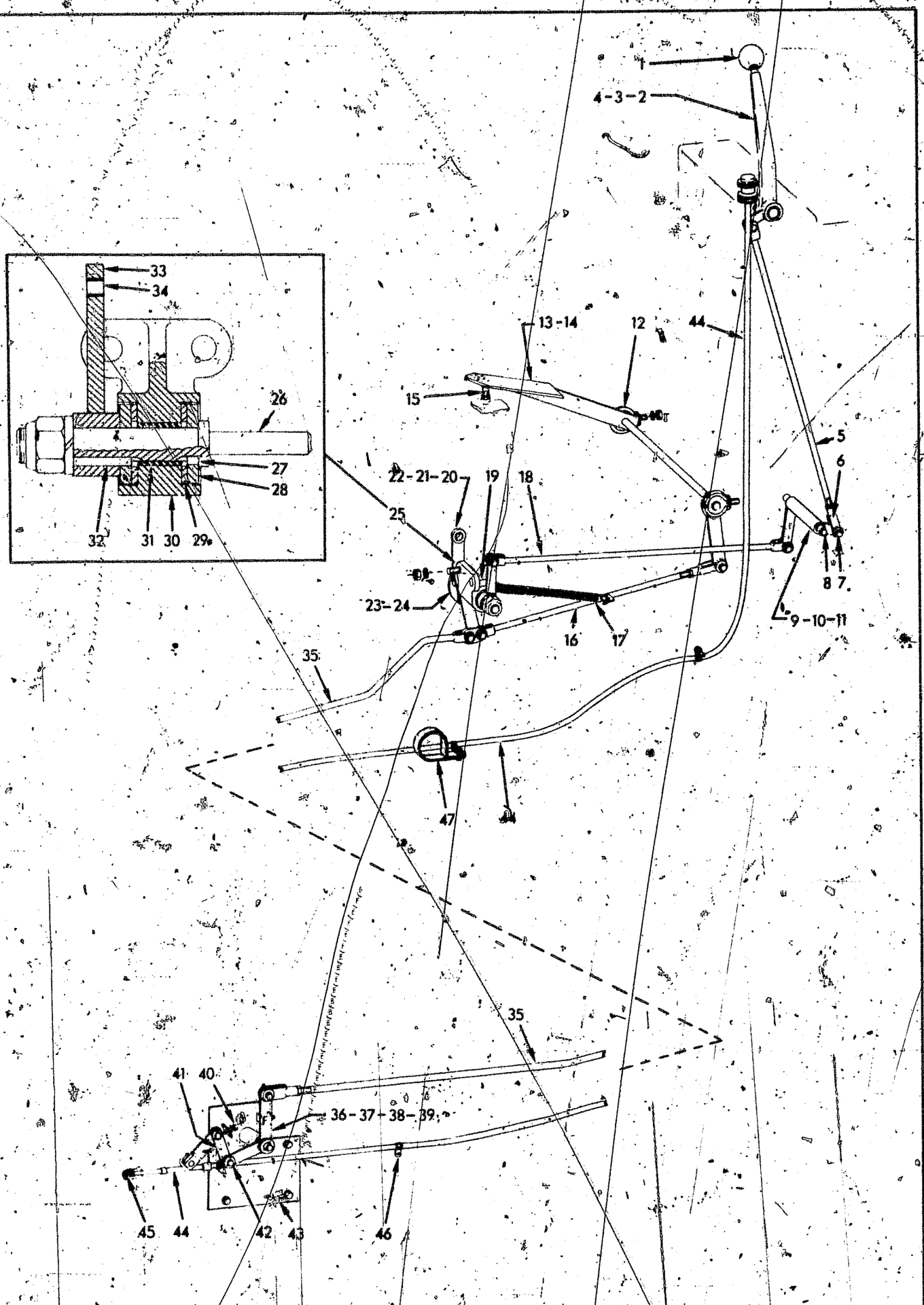

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T-75992

ENGINE CONTROLS

ITEM	PART NO.	QTY.	DESCRIPTION
1	0090020	1	KNOB
2	0664237	1	LEVER ASSY. (Includes items 3 and 4)
3	0624584	1	BUSHING
4	0653319	2	BEARING
5	0652943	1	ROD
	0911048	1	NUT, jam, 3/8"NF
6	0628736	3	YOKE
7	0078810	8	PIN
	0900942	8	PIN, cotter, 3/32" x 5/8"
8	0664238	1	SHAFT
	0900808	1	PIN, cotter, 1/8" x 1-1/2"
9	0652687	1	BELLCRANK ASSY. (Includes items 10 and 11)
10	0624584	2	BUSHING (small)
11	0063222	2	BUSHING (large)
12	0651002	2	BEARING
	0904205	2	LOCKWASHER, 5/16"
	0911025	2	NUT, 5/16"NC
13	0652770	1	PEDAL ASSY. (Includes item 14)
14	0624584	1	BUSHING
15	0648477	1	CAPSCREW
	0911035	1	NUT, jam, 1/2"NC
16	0664193	1	ROD
	0911048	10	NUT, jam, 3/8"NF
17	0043881	1	SPRING
18	0652461	1	ROD
19	0664159	1	PLATE
20	0652557	1	LEVER ASSY. (Includes items 21 and 22)
21	0655215	2	BEARING
22	0624584	3	BUSHING
23	0633123	1	LEVER
	0916279	1	CAPSCREW, 5/16"NC x 1-1/2"
	0904205	1	LOCKWASHER, 5/16"
	0911025	1	NUT, 5/16"NC
24	0632716	1	KEY
25	0652352	1	FRICTION ASSY. (Includes item 26 thru 34)
	0915987	2	CAPSCREW, 1/2"NC x 1-1/2"
	0904208	2	LOCKWASHER, 1/2"
	0911028	2	NUT, 1/2"NC

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T-75992

ENGINE CONTROLS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
26	70652351	1	SHAFT
	70904369	1	LOCKWASHER, 3/4"
	70916591	1	NUT, elastic stop, 3/4" NF
27	70632716	1	KEY
28	70632710	2	WASHER
29	70632747	2	DISC
30	70632766	1	HOUSING ASSY. (Includes item 31)
31	70632752	1	BUSHING
32	70916024	1	KEY
33	70652350	1	LEVER ASSY. (Includes item 34)
34	70624584	1	BUSHING
35	70652455	1	ROD
	70911048	1	NUT, jam, 3/8" NF
36	70652444	1	LEVER ASSY. (Includes items 37, 38 and 39)
37	70655215	2	BEARING
38	70652689	1	BUSHING (small)
39	70624584	1	BUSHING (large)
40	70634650	2	CAPSCREW
	70911034	2	NUT, jam, 3/8" NC
41	70671030	1	LINK (3-3/8" long)(First type)
	70690216	1	LINK (5-1/2" long)(Second type)
42	70671060	2	PIN
	70900802	2	PIN, cotter, 3/32" x 1"
	70910335	2	WASHER, plain, SAE std., 5/16"
43	70693987	1	BRACKET (Tractor unit #02901-up including #02853, 02856, 02858)
	70664178	1	BRACKET (Tractors prior to unit #02901 excluding #02853, 02856, 02858)
	70910244	2	WASHER, plain, SAE std., 1/2"
	70900806	1	PIN, cotter, 1/8" x 1"
	70921076	4	CAPSCREW, 3/8" NC x 1-1/4"
	70910287	4	LOCKWASHER, 3/8"
	70090090	4	WASHER, plain
44	70664252	1	CABLE (Includes mounting hardware. Serviced only as a unit)
45	70662481	1	PIVOT
	70911114	1	WASHER, plain, SAE std., 1/4"
	70900970	1	PIN, cotter, 1/16" x 1/2"
46	70927384	3	CLIP
	70915408	1	CAPSCREW, 3/8" NC x 3/4"
	70916271	1	CAPSCREW, 3/8" NC x 1"
	70904206	2	LOCKWASHER, 3/8"
	70911115	2	WASHER, plain, SAE std., 3/8"
	70911026	1	NUT, 3/8" NC
47	70638826	1	CLIP

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NOTICE

Allis-Chalmers Corporation and Fiat S.p.A. entered into a joint venture agreement to combine their manufacture, sale and service of construction machinery products throughout the world after January 1, 1974.

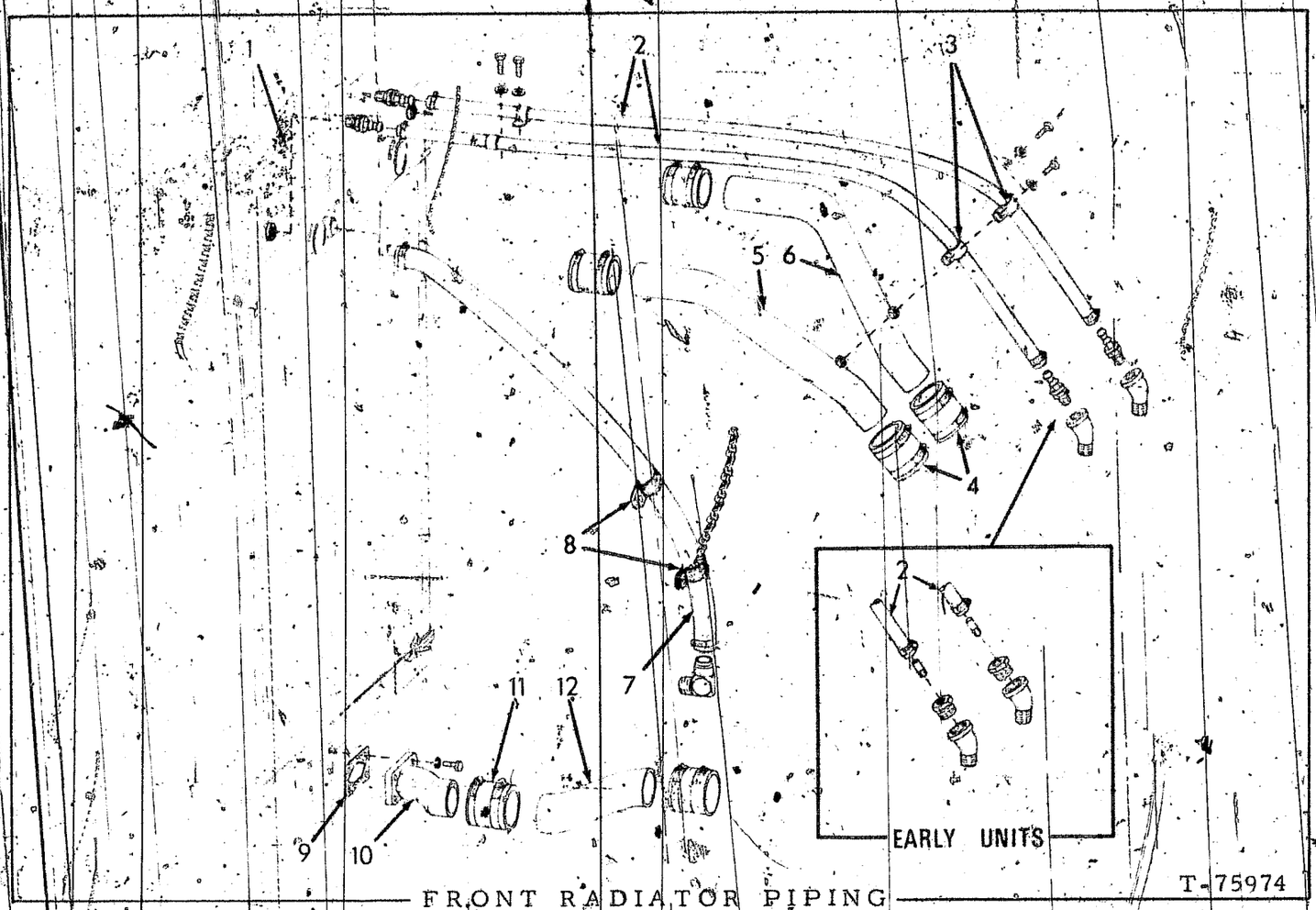
In view of the new enterprise, wherever in this publication reference is made to Allis-Chalmers or your Allis-Chalmers dealer, such reference is intended to identify Fiat-Allis Construction Machinery, Inc. or your Fiat-Allis dealer.

Also, for this new enterprise, a new series of 8-digit part numbers is in effect. This change is accomplished by eliminating the "check digit" wherever it may appear, and then, to this basic part number, prefixing a "7" (or "7" plus one or more zeros) to make a full 8-digit part number.

Examples:

667367	becomes 70667367
0688917-4	becomes 70688917
3060101-7	becomes 73060101

All part numbers listed herein must be changed per the above formula before ordering.



T-75974

FRONT RADIATOR PIPING

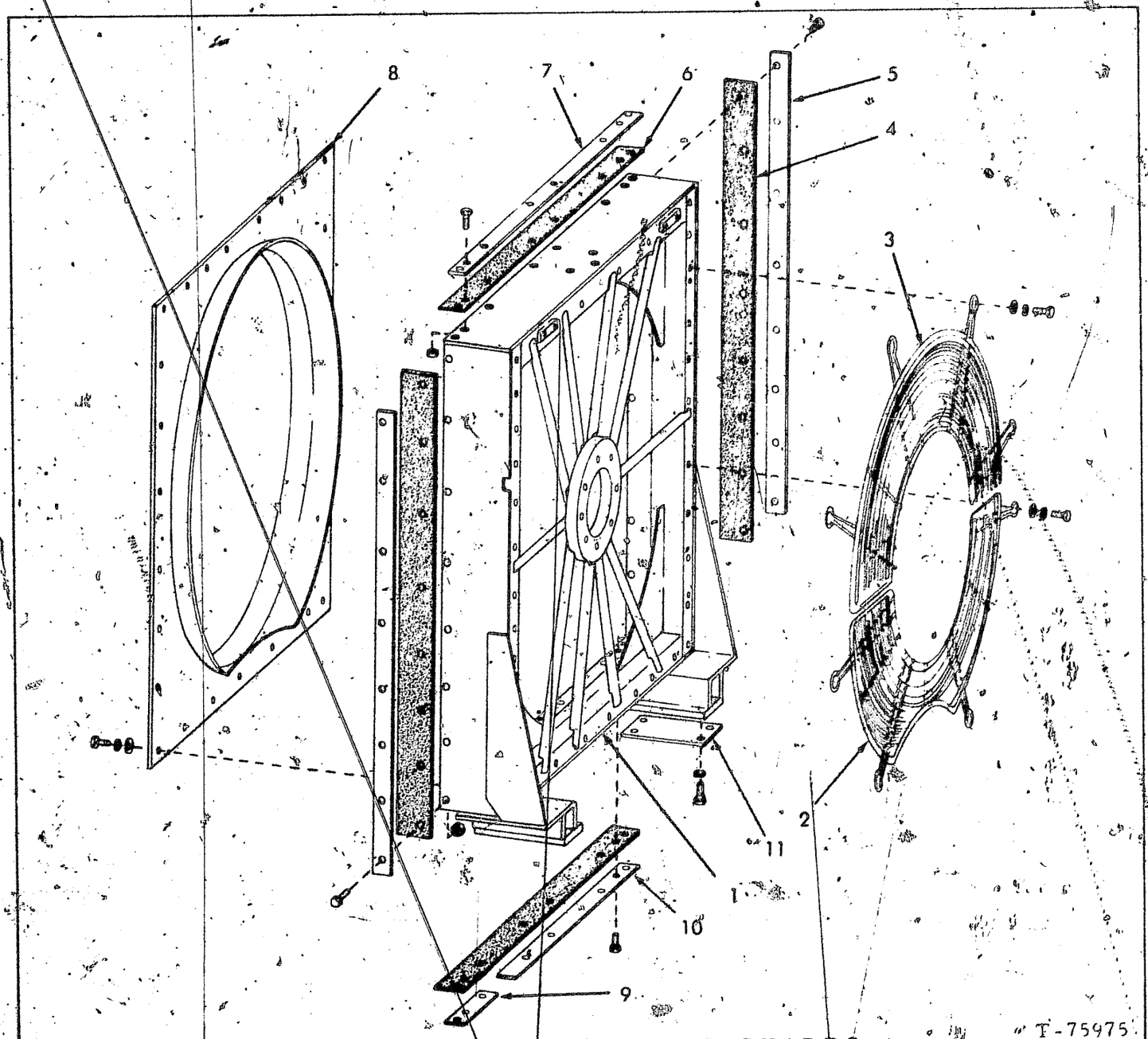
* Tractors prior to Serial No. 99A02450
** Tractors Serial No. 99A 02450 and up

ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION
1	-------	1	1	RADIATOR ASSY. (See C-19)
2	70684179	2	-	HOSE
	70681206	-	2	HOSE
	70920800	4	4	FITTING, male, socketless, 1/4" I.D. hose, 1/8"NPT
	70912094	2	2	BUSHING, pipe reducing, 3/4"NPT to 1/8"NPT (Tractors prior
	70910023	2	2	ELBOW, street, 45°, 3/4"NPT to unit #02008
	70904230	2	2	ELBOW, street, 45°, 1/8"NPT (Tractors unit #02008 and up)
	70921910	4	4	CLAMP, hose, 7/16" to 3/4" diam.
3	70925617	4	4	CLIP
	70922300	4	4	CAPSCREW, 3/8"NC x 3/4"
	70677006	4	4	WASHER, plain
4	70659919	4	-	HOSE
	70681207	-	4	HOSE
	70921915	8	8	CLAMP, hose, 2-7/8" to 3-3/4" diam.
5	70668963	1	-	TUBE
	70681203	-	1	TUBE
6	70668964	1	-	TUBE
	70681204	-	1	TUBE

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FRONT RADIATOR PIPING (Continued)

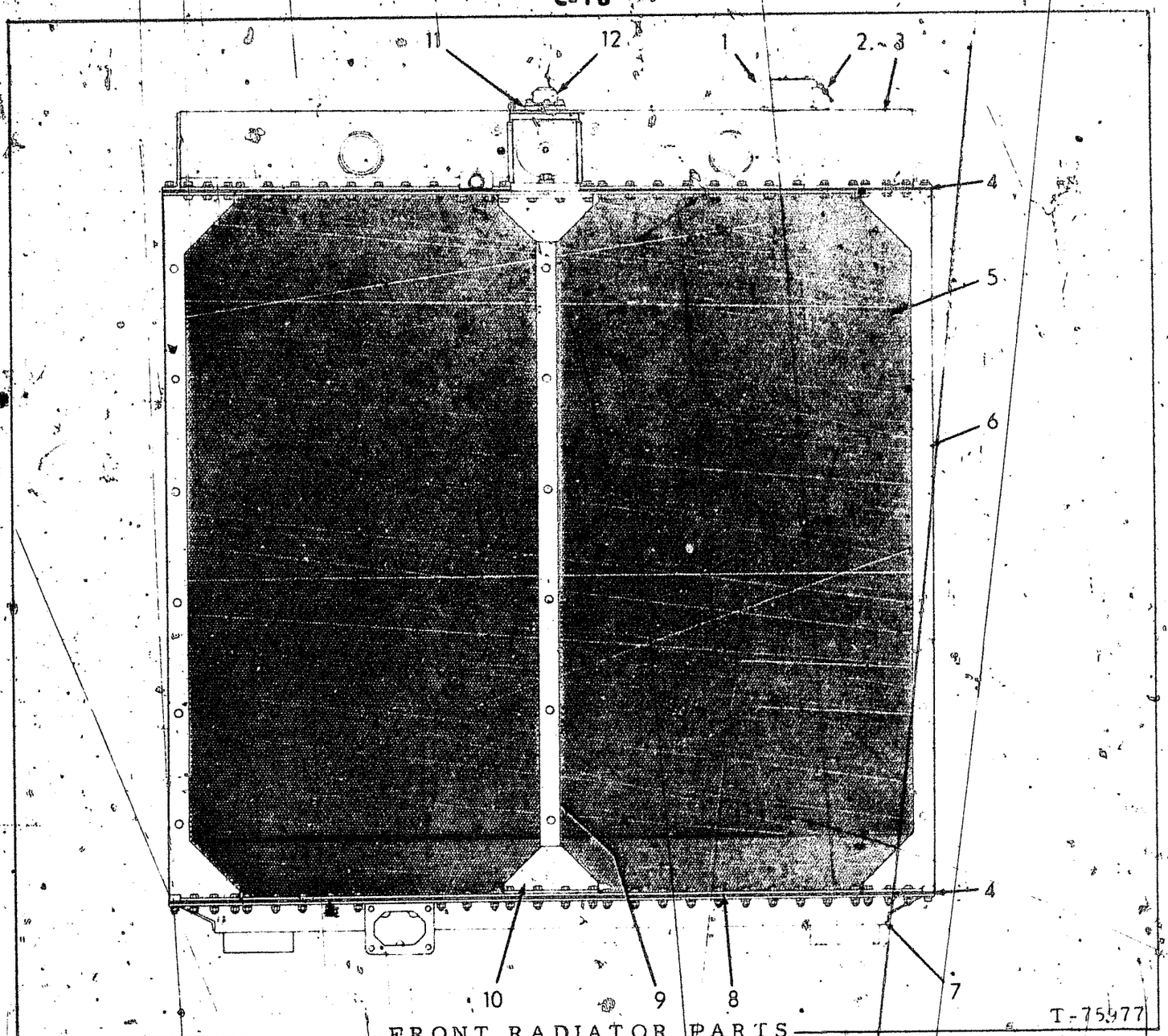
ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION
7	0664415	1	1	HOSE
	0921912	2	2	CLAMP, hose, 1" to 2" diam.
1	0925058	1	1	ELBOW, 90°, 1" hose I.D. x 1 NPT
8	0927312	2	2	CLIP
9	0672182	1	1	GASKET
10	0672184	1	1	ELBOW
	0921076	4	4	CAPSCREW, 3/8 NC x 1-1/4
	0910287	4	4	LOCKWASHER, 3/8
11	0041132	2	2	HOSE
	0922200	4	4	CLAMP, hose, 3-5/16" to 4-1/4
12	0652812	1	-	TUBE
	0681205	-	1	TUBE



FRONT FAN SUPPORT AND GUARDS — T-75975

FRONT FAN SUPPORT AND GUARDS

ITEM	PART NO.	QTY.	DESCRIPTION
1	70652800	1	SUPPORT (Tractors prior to unit #01472)
	70681263	1	SUPPORT (Tractors unit #01472 and up)
	70920585	8	CAPSCREW, 1/2"NC x 1-3/4"
	70912441	8	LOCKWASHER, 1/2"
2	70664357	1	GUARD
	70921565	4	CAPSCREW, 3/8"NC x 1-1/2"
	70910287	4	LOCKWASHER, 3/8"
	70061656	4	WASHER, plain
3	70664348	1	GUARD
	70921565	4	CAPSCREW, 3/8"NC x 1-1/2"
	70910287	4	LOCKWASHER, 3/8"
	70061656	4	WASHER, plain
4	70652817	2	BAFFLE
5	70664405	2	STRIP
	70922763	16	CAPSCREW, 3/8"NC x 1"
	70915891	16	NUT, elastic stop, 3/8"NC
6	70652815	2	BAFFLE
7	70652818	1	STRIP, upper
	70922763	16	CAPSCREW, 3/8"NC x 1"
	70915891	16	NUT, elastic stop, 3/8"NC
8	70664388	1	SHROUD
	70921076	28	CAPSCREW, 3/8"NC x 1-1/4"
	70910287	28	LOCKWASHER, 3/8"
	70920743	28	WASHER, plain
9	70677541	1	STRIP, lower (12" long)
10	70677738	1	STRIP, lower (34" long)
11	70680808	1	SHIM, adjusting, support (Use as required)(Unit #01472 and up)



FRONT RADIATOR PARTS

USAGE: See C-15 and C-21

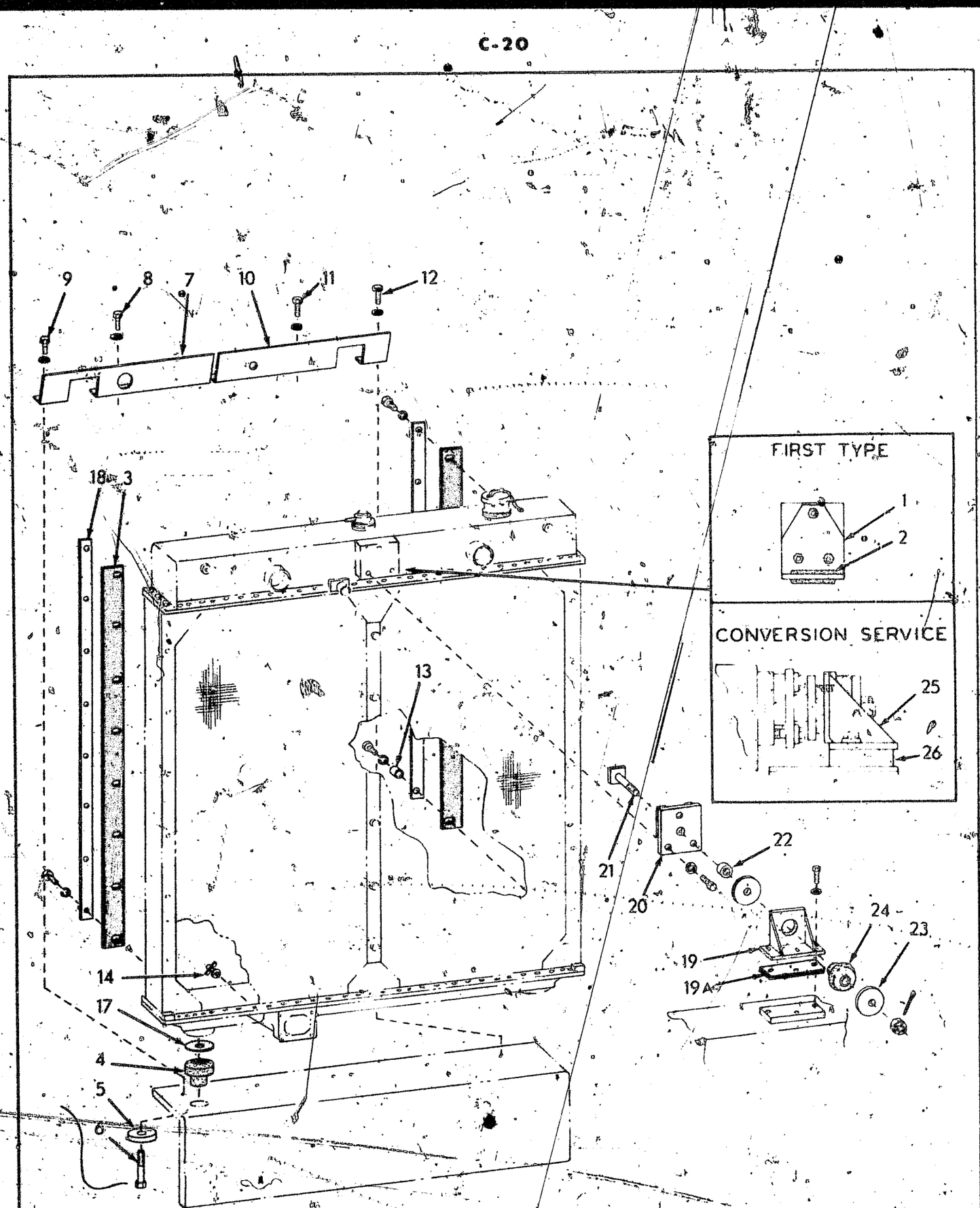
* Tractors prior to serial No. 99A02450
** Tractors serial No. 99A02450 and up

ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION
-	--------	1	-	RADIATOR ASSY. (Includes items 1 thru 12)(If for first replacement order Radiator Kit 0681209)
-	70681073	-	1	RADIATOR ASSY. (Includes items 1 thru 8 and 10 thru 12)
1	70671075	1	1	CAP
2	70654098	1	1	CHAIN
3	70675489	1	-	TANK
	70682043	-	1	TANK
	70921566	44	44	CAPSCREW, 5/16"NC x 1"
	70922843	8	8	CAPSCREW, 5/16"NC x 1-1/4"
	70910286	54	54	LOCKWASHER, 5/16"
	70911025	48	48	NUT, 5/16"NC

(Continued)

FRONT RADIATOR PARTS (Continued)

ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION
4	0091869	2	-	GASKET SET (Each consists of 5 cork strips 36" long)(Used prior to unit #01408)
	0679756	2	2	GASKET (Unit #01408 and up)
5	0675483	1	-	CORE
	0682138	-	1	CORE ASSY. (Includes center member)
6	0675485	2	-	SIDE
	0682268	-	2	SIDE
	0922843	24	24	CAPSCREW, 5/16"NC x 1-1/4"
	0910286	24	24	LOCKWASHER, 5/16"
	0911025	24	24	NUT, 5/16"NC
7	0675486	1	-	TANK
	0682269	-	1	TANK
	0921566	46	46	CAPSCREW, 5/16"NC x 1"
	0922843	8	8	CAPSCREW, 5/16"NC x 1-1/4"
	0910286	54	54	LOCKWASHER, 5/16"
	0911025	46	46	NUT, 5/16"NC
8	0675500	4	4	CLAMP
9	0675484	1	-	CENTER
10	0675499	2	2	GUSSET (front side only)
	0922843	8	8	CAPSCREW, 5/16"NC x 1-1/4"
	0910286	8	8	LOCKWASHER, 5/16"
	0911025	8	8	NUT, 5/16"NC
	0921175	8	8	CAPSCREW, 1/2"NC x 1"
	0912441	8	8	LOCKWASHER, 1/2"
	0677008	8	8	WASHER, plain
11	0675487	1	1	GASKET
12	0675488	1	1	VALVE
	0900556	4	4	SCREW, machine, #10-32 x 3/8"
	0910284	4	4	LOCKWASHER, #10



FRONT RADIATOR MOUNTING

1-77554

FRONT RADIATOR MOUNTING

ITEM	PART NO.	QTY.	DESCRIPTION	
1	70652809	1	COLLAR	Original equipment. Tractors prior to unit #01472
	70920585	3	CAPSCREW, 1/2"NC x 1-3/4"	
	70912441	3	LOCKWASHER, 1/2"	
	70064531	3	WASHER, plain	
2	70652827	1	RING	
3	70664411	2	BAFFLE	
	70922763	16	CAPSCREW, 3/8"NC x 1"	
	70910287	15	LOCKWASHER, 3/8"	
4	70664354	2	SNUBBER	
5	70064398	2	WASHER	
6	70664394	2	CAPSCREW	
	70023756	2	LOCKWIRE	
7	70665883	1	BAFFLE, left side	
8	70920582	2	CAPSCREW, 1/2"NC x 1-1/4"	
9	70920073	1	CAPSCREW, drilled head, 1/2"NC X 1-1/4"	
	70677008	3	WASHER, plain	
10	70665884	1	BAFFLE, right side	
11	70920582	2	CAPSCREW, 1/2"NC x 1-1/4"	
12	70920073	1	CAPSCREW, drilled-hd, 1/2"NC x 1-1/4"	
	70677008	3	WASHER, plain	
13	70605923	1	BOSS	
	70922287	1	CAPSCREW, 3/8"NC x 1-3/4"	
	70910287	1	LOCKWASHER, 3/8"	
14	70672177	1	COCK	
15	70669574	2	GRID (Used prior to April 1972)	Special equipment Not illustrated
	70682044	2	GRID (Effective April 1972)	
	70922763	18	CAPSCREW, 3/8"NC x 1"	
	70630753	18	WASHER, plain	
16	70671053	4	FOAM TAPE	
17	70680832	1	SHIM, adjusting, radiator (Use as required)(Unit #01472 and up)	
18	70677404	2	STRIP, front baffle	
19	70681131	1	BRACKET	Tractors unit #01472 and up. Service only for units prior to #01472 which have been converted to new radiator top mounting design, items 19 thru 24
	70920585	3	CAPSCREW, 1/2"NC x 1-3/4"	
	70677008	3	WASHER, plain	
19A	70682900	3	SHIM, adjusting (Use as required)	
20	70681134	1	PLATE	
	70924864	3	CAPSCREW, 1/2"NC x 2-1/4"	
	70677008	3	WASHER, plain	
21	70681923	1	T-BOLT	
	70910875	1	NUT, slotted, 3/4"NC	
	70900808	1	PIN, cotter, 1/8" x 1-1/2"	
22	70610144	1	BOSS	
23	70664398	2	WASHER	
24	70664354	1	SNUBBER	
25	70682040	1	BRACKET	
	70920583	3	CAPSCREW, 1/2"NC x 1-1/2"	
	70677008	3	WASHER, plain	
26	70681928	1	BLOCK (Requires welding)	
27	70681146	-	CONVERSION KIT (Includes items required to convert units prior to #01472 to new radiator top mounting design. Includes items 20 thru 26) (Not illustrated)	

(Revised November 1977)

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FOR NEW PART NUMBERS INTRODUCED ON THIS FICHE ISSUANCE SEE GRID L-1, L-2

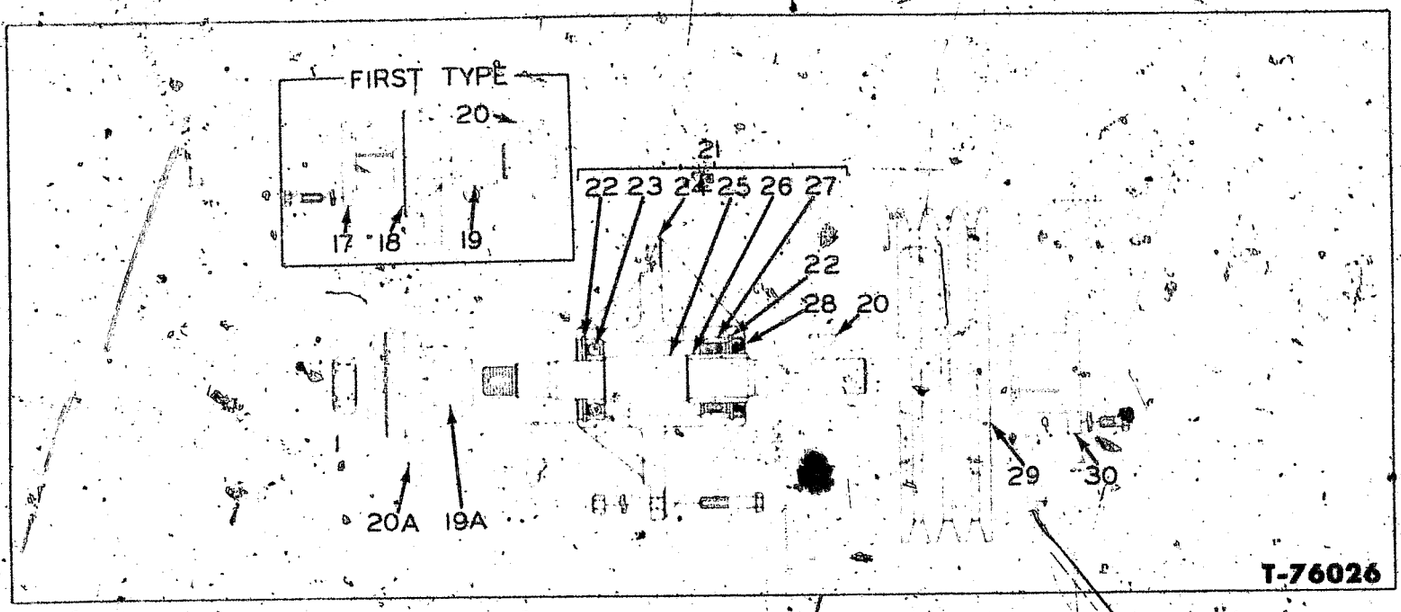
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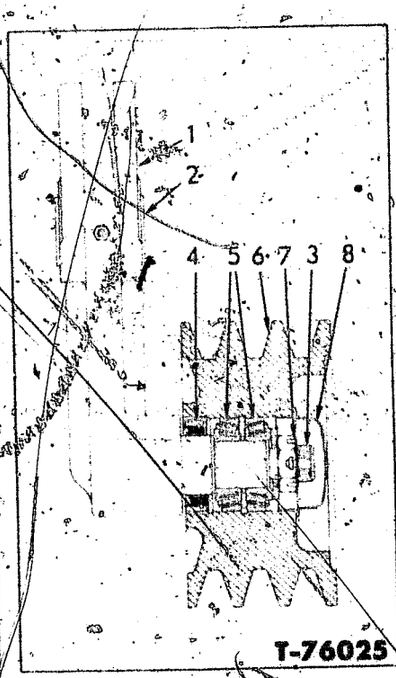
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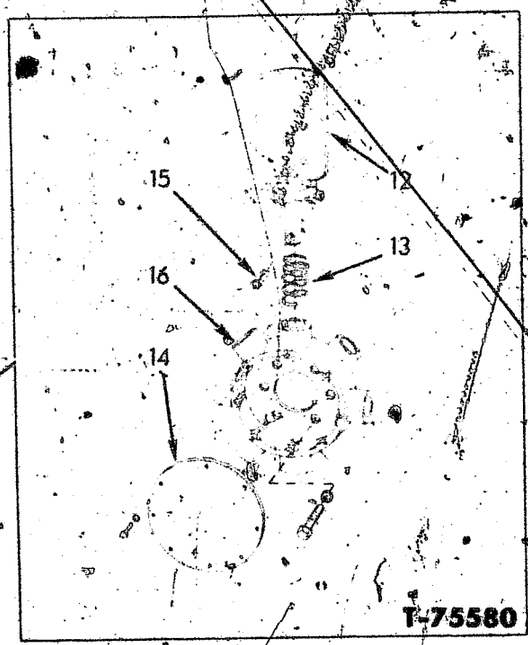
FOR NEW PART NUMBERS INTRODUCED ON THIS FICHE ISSUANCE SEE GRID L-1, L-2

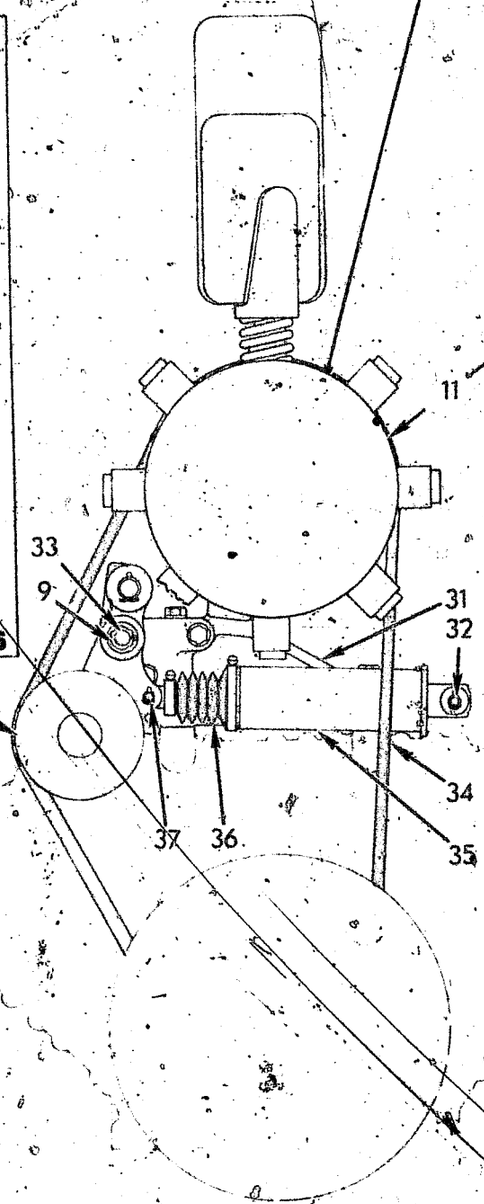
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Housing & Cover	1 E-20
Internal Tubing	1 E-22
Shaft, Bevel Pinion	1 F-5
Shaft, Drive	1 E-14
Shaft, 1st & 2nd Range	1 F-7
Shaft, Forward & Reverse	1 E-23
Shaft, 3rd Range	1 F-11
Transmission Guards	1 I-14
Transmission Oil Filler & Dipstick	1 F-20
Transmission Oil Filter & Lines	1 F-22
Transmission Oil Pump	1 F-21
Transmission Test Panel & Lines	1 G-3
Travel Control Valve	1 F-16
Undercarriage Measuring Kit	1 J-9
Valves	
Brake	1 H-20
Dozer Control	2 E-15
Dozer Tilt Control	2 E-15
Relief	2 E-21
Ripper Control	2 E-15
Safety Brake	1 I-7
Shift Inhibiting	1 F-18
Steering Control	1 H-7
Torque Converter Pressure Regulating	1 E-11
Travel Control (Transmission)	1 F-16
Valve Controls	
Dozer	2 D-14
Ripper	2 F-19
Tilt	2 D-14
Vandalism Prevention Parts	2 C-7









T-76001

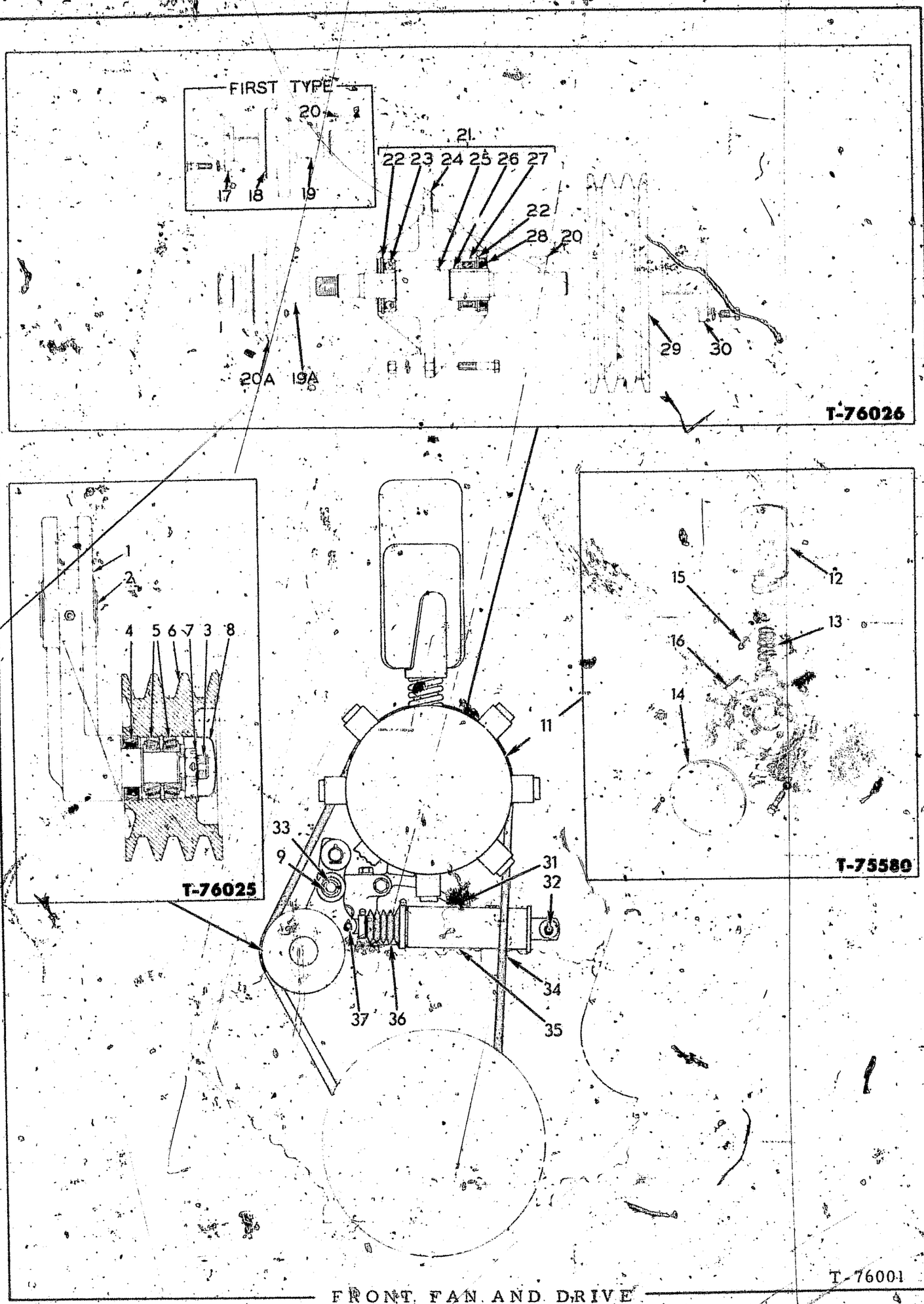
FRONT FAN AND DRIVE

FRONT FAN AND DRIVE

ITEM	PART NO.	QTY.	DESCRIPTION
1	70670929	1	LEVER ASSY. (Includes items 2 and 3)(Tractors prior to unit #02044)
1	70681472	1	LEVER ASSY. (Includes items 2 and 3 and FITTING indented below)(Tractors unit #02044 and up)
	70914465	1	FITTING, lubricating, 1/8 NPT
2	70670902	2	BUSHING (Tractors prior to unit #02044)
2	70681448	2	BUSHING (Tractors unit #02044 and up)
3	70670930	1	SHAFT (Tractors prior to unit #02044)
3	70681611	1	SHAFT (Tractors unit #02044 and up)
4	74254670	1	SEAL
5	74025082	1	BEARING ASSY. (Serviced only as a unit)
6	70670928	1	PULLEY
7	70914452	1	NUT (Elastic stop)(Tractors prior to unit #02044)
7	70913472	1	NUT (Slotted)(Tractors unit #02044 and up)
	70900808	1	PIN, cotter, 3/16" x 1-3/4"
	70928358	1	WASHER, plain
8	74390126	1	CAP
9	70913472	1	NUT
	70911386	1	WASHER, plain
	70900812	1	PIN, cotter, 3/16" x 1-3/4"
11	70669317	1	FAN ASSY. (Includes items 12 thru 16)
	70922763	6	CAPSCREW, 3/8" NC x 1"
	70910287	6	LOCKWASHER, 3/8"
12	--------	8	BLADE (See NOTE below)
13	70673599	8	SPRING
14	70673598	1	COVER
	70926339	8	CAPSCREW, #10-24 x 5/16" (Includes lockwasher)
15	70919597	8	PIN
16	--------	1	HUB (See NOTE below)
17	--------	1	BUSHING
	70922843	3	CAPSCREW, 5/16"NC x 1-1/4"
	70910286	3	LOCKWASHER, 5/16"
18	--------	1	ADAPTER
19	--------	1	BUSHING
19A	70680481	1	BUSHING (Unit #01440 and up including #01422 and 01432)
20	70905126	2	KEY
20A	70680494	1	HUB (Effective unit #01440 including Nos. 01422 and 01432)

Used prior to Unit #01440 excl. #01422, 01432. If for First replacement order SHAFT 0680479-3, WASHER 0928370-6, NUT 0915616-7, PIN 0900813-7 and items 19A, 20A and 23.

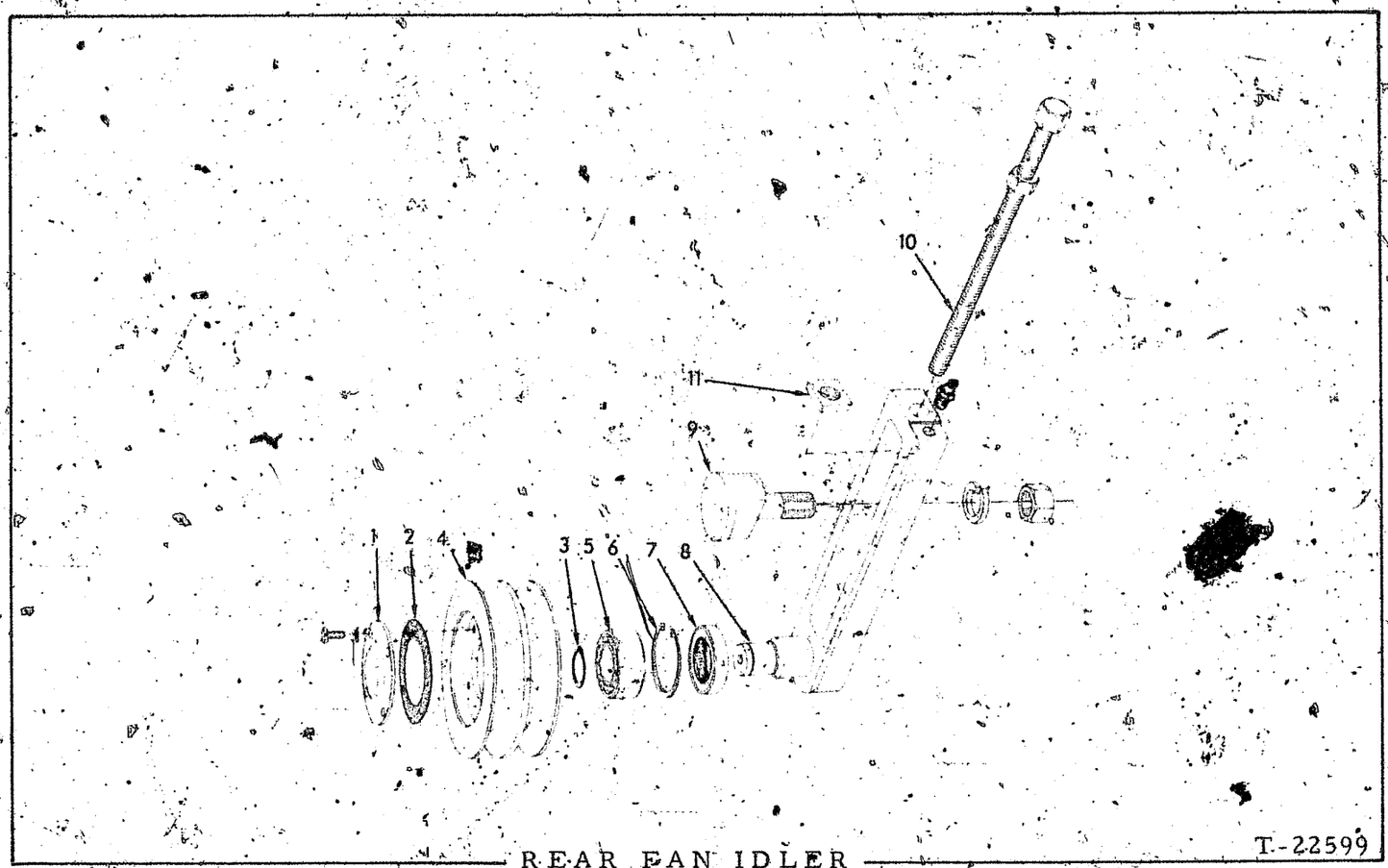
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FRONT FAN AND DRIVE

FRONT FAN AND DRIVE (Continued)

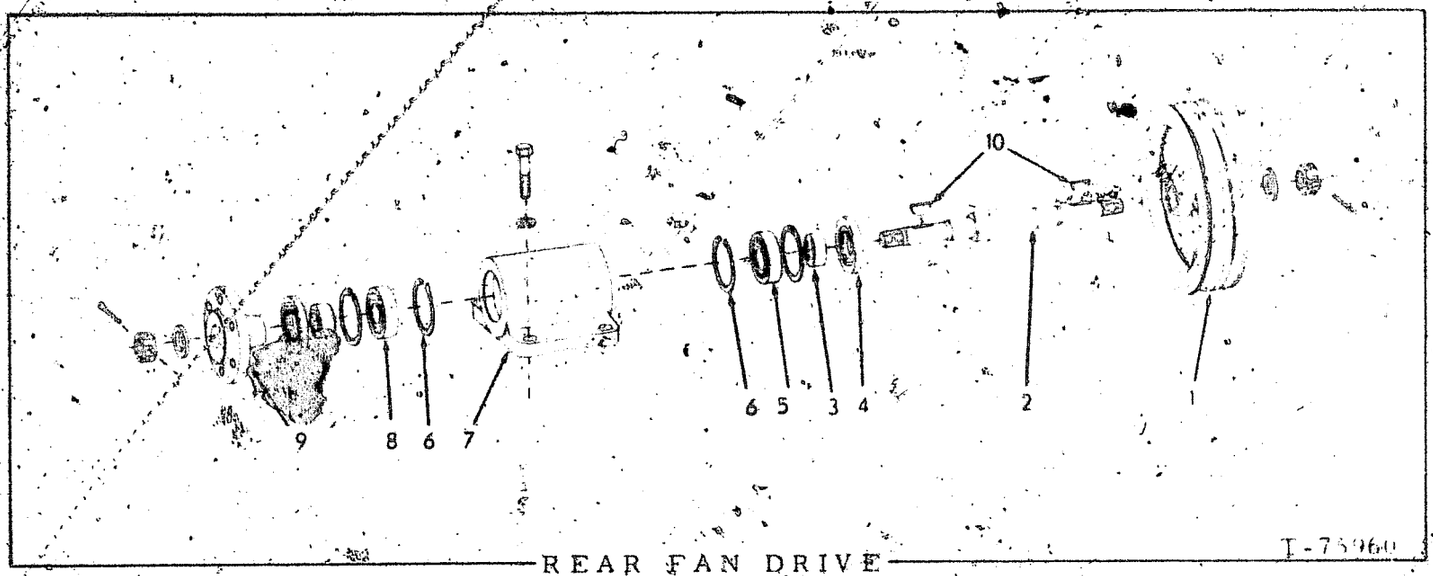
ITEM	PART NO.	QTY.	DESCRIPTION
21	70680510	1	DRIVE ASSY. (Includes items 22 thru 28)(When making first replacement on units prior to unit #01440 excl. Nos. 01422 and 01432 also order BUSHING 0680481-3, HUB 0680474-2, WASHER 0928370-6, NUT 0915616-7 and PIN 0900813-7).
	70928370	1	WASHER, plain
	70915616	1	NUT, 1 NF
	70900813	1	PIN, cotter
	70920995	8	CAPSCREW, 3/8 NC x 2
	70910287	8	LOCKWASHER, 3/8
	70911026	8	NUT, 3/8 NC
22	70196891	2	RING
			NOTE - Blade and Hub replacements require precision balancing. Return complete fan to HUBER REVERSIBLE FAN CO., 2103 Hershey Rd., Erie, Pa. 16509.
23	70928446	1	BEARING
24	70652804	1	HOUSING
25	--------	1	SHAFT (Used prior to unit #01440 excl. Nos. 01422 and 01432)(If for First replacement order SHAFT 0680479-3, WASHER 0928370-6, NUT 0915616-7, PIN 0900813-7 and items 19A, 20A and 23).
	70680479	1	SHAFT (Units #01440 and up incl. Nos. 01422 and 01432)
26	70652830	1	RACE
27	70652829	1	BEARING
28	70653557	1	SEAL
29	70652721	1	PULLEY
30	70653034	1	BUSHING
	70921565	3	CAPSCREW, 5/8 NC x 1-1/2
	70910287	3	LOCKWASHER, 3/8
31	70670387	1	BRACKET ASSY. (Includes items 32 and 33)(Tractors prior to unit #02044)
	70681447	1	BRACKET ASSY. (Includes items 32 and 33)(Tractors unit #02044 and up)
	70916971	1	CAPSCREW, 5/8 NC x 3-1/4
	70921864	2	CAPSCREW, 5/8 NC x 5-1/4
	70912635	1	CAPSCREW, 5/8 NC x 6
	70904209	4	LOCKWASHER, 5/8
32	70069521	1	PIN
33	70670901	1	SHAFT (Tractors prior to unit #02044)
	70681446	1	SHAFT (Tractors unit #02044 and up)
34	70673606	1	BELT SET (Consists of 3 matched belts)
35	70670903	1	TIGHTENER ASSY. (Includes items 35A and 35B)
	70911100	1	WASHER, plain, SAE std., 5/8"
	70900806	1	PIN, cotter, 1/8" x 1"
35A	70661114	1	BUSHING (small)
35B	70052669	1	BUSHING (large)
36	70623195	1	BOOT
	70921912	1	CLAMP, hose, 1-1/16" to 2" diam.
	70921914	1	CLAMP, hose, 2-5/16" to 3-1/4" diam.
37	70654712	1	PIN
	70900806	1	PIN, cotter, 1/8" x 1"



REAR FAN IDLER

USAGE: See D-1.1

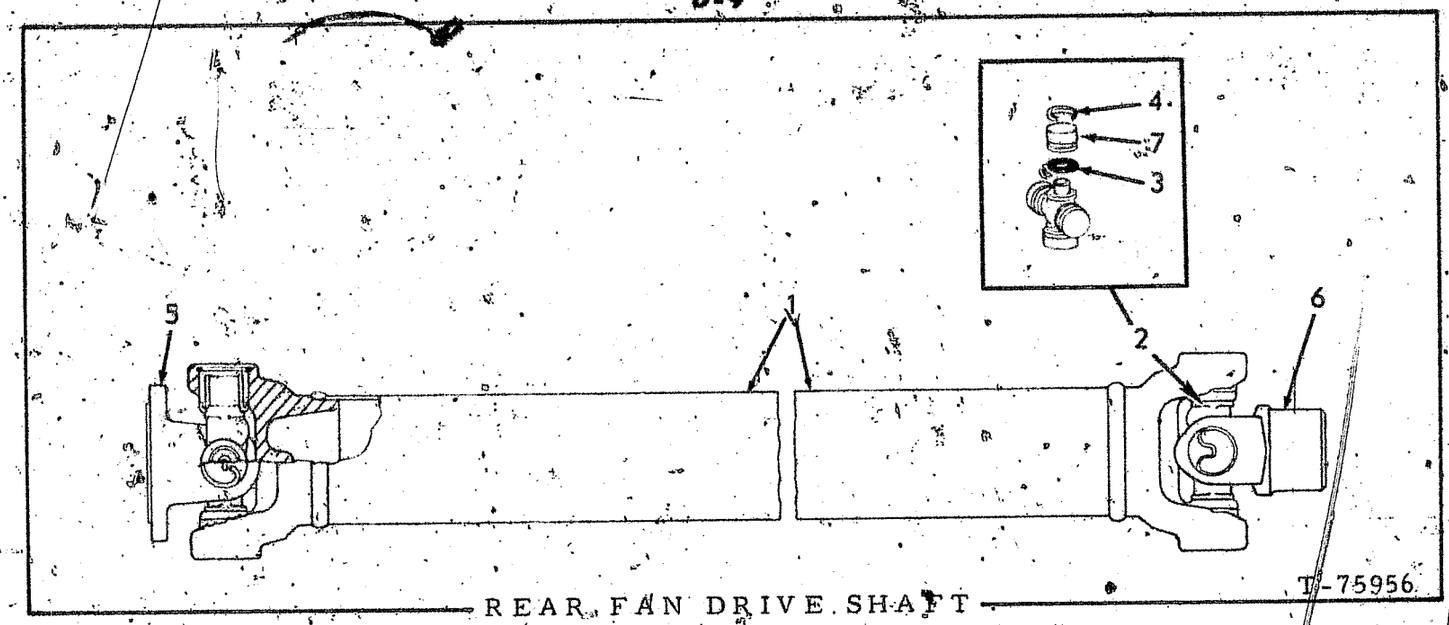
ITEM	PART NO.	QTY.	DESCRIPTION
-	70652288	1	IDLER ASSY. (Includes items 1 thru 8)
1	74347751	1	COVER
	70905656	4	CAPSCREW, 1/4"NC x 5/8"
	70904204	4	LOCKWASHER, 1/4"
2	74347752	1	GASKET
3	74253556	1	RING
4	74349662	1	PULLEY
5	74255031	1	BEARING
6	74254100	1	RING
7	74254670	1	SEAL
8	74336587	1	SLIDE
	70915275	1	FITTING, lubricating, 65°, 1/8"NPT
9	70664849	1	BOLT
	70914726	1	LOCKWASHER; 3/4"
	70911045	1	NUT, 3/4"NF
10	70664848	1	SCREW
	70911035	1	NUT, jam; 1/2"NC
11	70674805	1	BLOCK



REAR FAN DRIVE

USAGE: See D-11

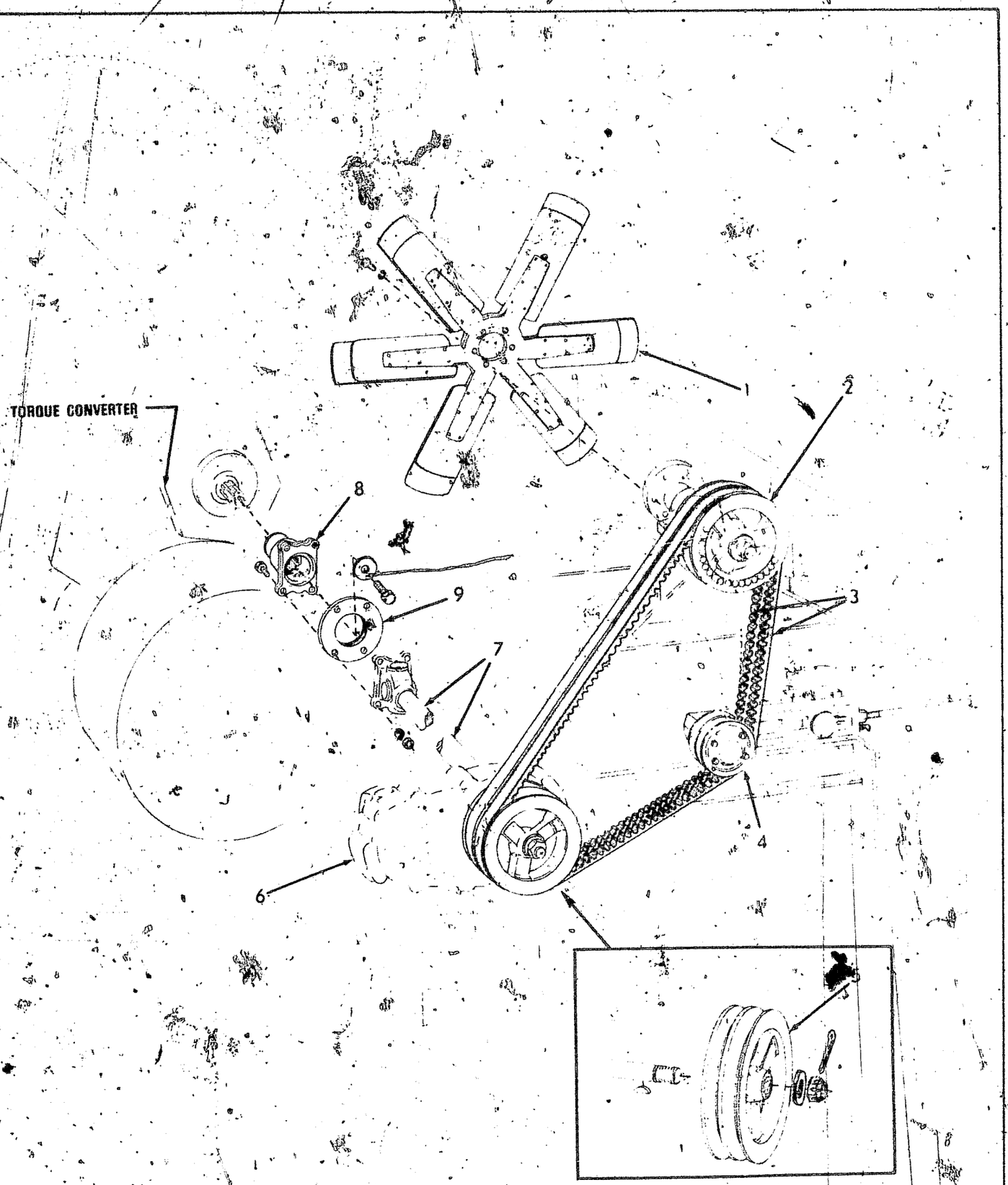
ITEM	PART NO.	QTY.	DESCRIPTION
-	70682638	1	DRIVE ASSY., fan (Includes items 2 thru 8)
	70921556	4	CAPSCREW, 1/2"NC x 2"
	70912441	4	LOCKWASHER, 1/2"
1	70652283	1	PULLEY
2	70680953	1	SHAFT
	70910255	2	WASHER, plain, SAE std., 3/4"
	70912331	2	NUT, slotted, 3/4"NF
	70900808	2	PIN, cotter, 1/8" x 1-1/2"
3	70654684	2	SPACER
4	70680954	2	SEAL
5	70050272	1	BEARING
6	70925996	4	RING
7	70680952	1	HOUSING
8	70067916	1	BEARING
9	70652259	1	HUB
10	70905125	2	KEY, #13 woodruff, 3/16" x 1"



REAR FAN DRIVE SHAFT

USAGE: See D-11

ITEM	PART NO.	QTY.	DESCRIPTION
-	70652295	1	SHAFT ASSY. (Includes items 1 thru 7)(Used prior to unit #01422)
-	70677769	1	SHAFT ASSY. (Includes items 1 thru 7)(Tractor unit #01422 and up)
1	- - - - -	1	SHAFT (Not serviced separately)
2	70658275	2	JOINT ASSY. (Includes 4 bearings and items 3, 4 and 7)
3	70619657	8	SEAL
4	70658276	8	RING
5	70658137	1	FLANGE
6	70658228	1	YOKE
7	70677732	8	RACE, bearing (Includes item 3)

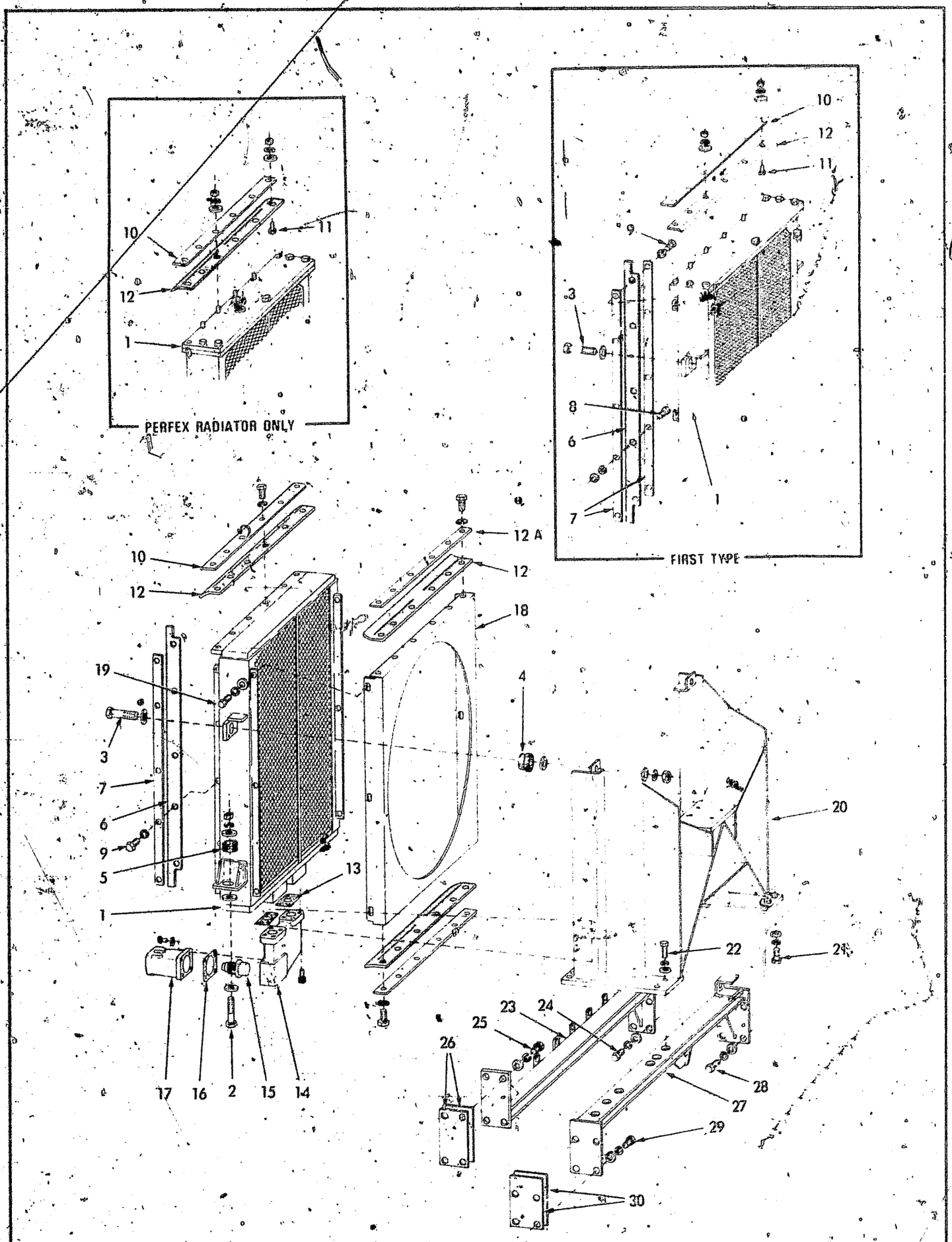


T-75954

REAR FAN AND DRIVE TRAIN

REAR FAN AND DRIVE TRAIN

ITEM	PART NO.	QTY.	DESCRIPTION
1	70652333	1	FAN (Standard)(Pusher)
	70652280	1	FAN (Special)(Suction)
	70921076	6	CAPSCREW, 3/8"NC x 1-1/4"
	70910287	6	LOCKWASHER, 3/8"
2	-------	1	DRIVE ASSY. (See D-8)
3	70673607	1	BELT SET (Consists of 2 matched belts)
4	-------	1	IDLER ASSY. (See D-7)
5	70652284	1	PULLEY
	70905126	1	KEY, #15 woodruff, 1/4" x 1"
	70918380	1	NUT, elastic stop, 3/4"NC (Tractors prior to unit #01720)
	70910255	1	WASHER, plain, SAE std., 3/4" } Tractors unit
	70910875	1	NUT, slotted, 3/4"NC } #01720 and up
	70900808	1	PIN, cotter, 1/8" x 1-1/2" }
6	-------	1	GEAR BOX ASSY. (See H-14)
7	-------	1	SHAFT ASSY. (See D-9)
8	70658227	1	FLANGE
	70927234	4	CAPSCREW, 5/16"NF x 1-1/4" (Used prior to unit #01422)
	70926147	4	CAPSCREW, 5/16"NF x 7/8" (Tractors unit #01422 and up)
	70910286	4	LOCKWASHER, 5/16"
	70910233	4	NUT, 5/16"NF
	70927212	1	CAPSCREW, Nylok, 3/8"NC x 1"
	70090090	1	WASHER, plain
9	70677703	1	SPACER (Used prior to unit #01422)



REAR RADIATOR AND SUPPORT

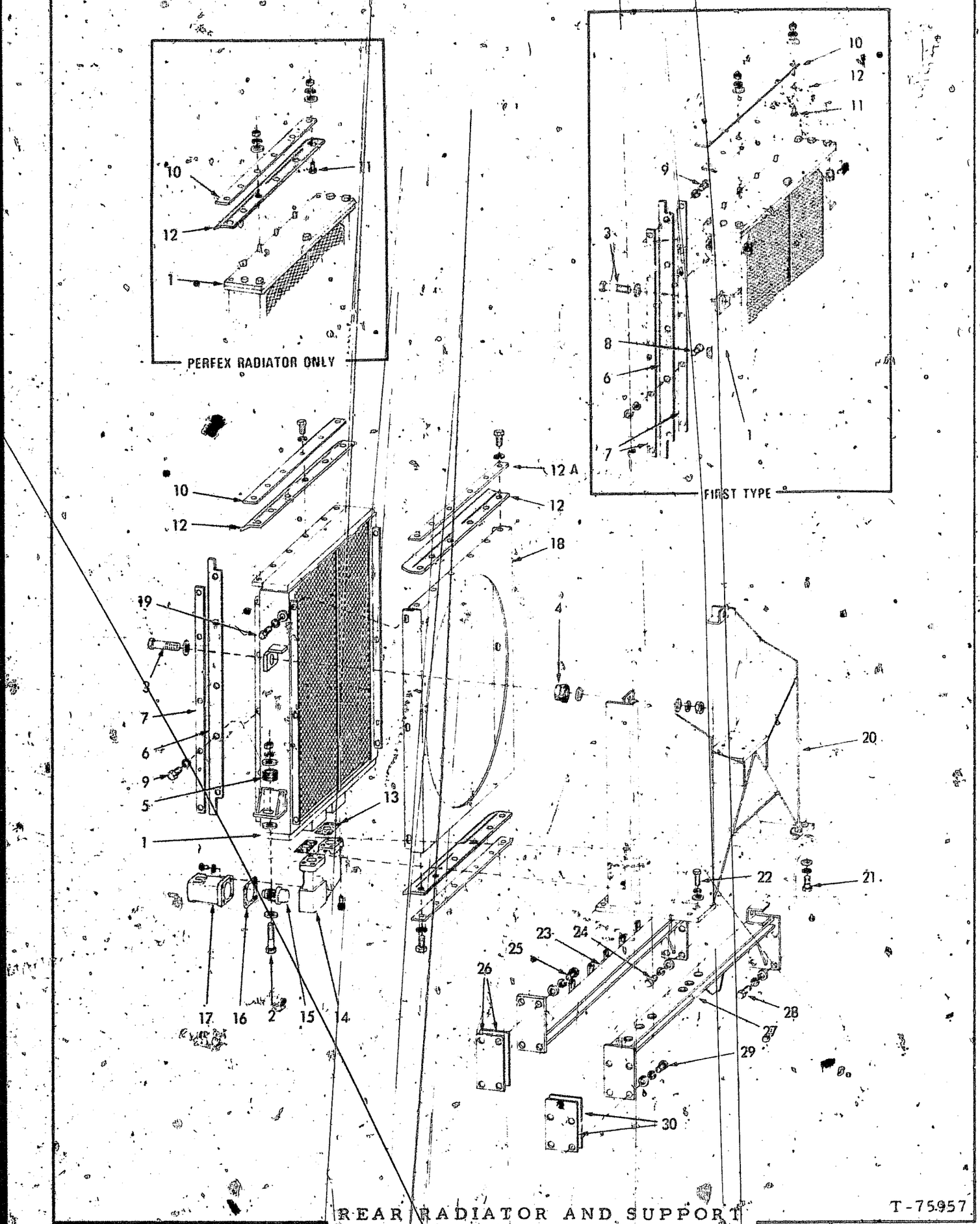
T-75957

REAR RADIATOR AND SUPPORT

* Tractors prior to serial No. 99A02029
** Tractors serial No. 99A02029 and up

ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION
1	70634861	1	-	RADIATOR ASSY. (See D-16)
	70681072	-	1	RADIATOR ASSY. (Serviced only as a unit)
2	70921597	2	2	CAPSCREW, 5/8"NC x 3"
	70086961	6	6	WASHER, plain
	70912942	2	2	LOCKWASHER, 5/8"
	70911029	2	2	NUT, 5/8"NC
3	70921539	2	2	CAPSCREW, 1/2"NC x 3-1/2"
	70086453	2	2	WASHER, plain
	70092163	4	4	WASHER, plain
	70911041	2	2	LOCKWASHER, 1/2"
	70911028	2	2	NUT, 1/2"NC
4	70250382	2	2	SNUBBER
5	70665237	2	2	SNUBBER
6	70652345	2	-	BAFFLE
7	70652346	4	2	BAFFLE
8	70916269	4	-	CAPSCREW, 3/8"NC x 7/8"
9	70921076	6	10	CAPSCREW, 3/8"NC x 1-1/4"
	70910287	10	10	LOCKWASHER, 3/8"
	70911026	4	-	NUT, 3/8"NC
10	70652342	1	-	ANGLE
	70681215	-	1	STRIP
11	70927612	2	2	CAPSCREW, 5/16"NC x 5/8" } For PERFEX Radiator only
	70677005	2	2	WASHER, plain, U.S. std., 5/16" } For PERFEX Radiator only
	70914321	2	2	NUT, jam, 5/16"NC } For PERFEX Radiator only
	70927373	-	6	CAPSCREW, 5/16"NC x 7/8" } For KARMAZIN Radiator only
	70910286	-	6	LOCKWASHER, 5/16" } For KARMAZIN Radiator only
12	70652343	1	3	BAFFLE
	70677005	4	4	WASHER, plain } For PERFEX Radiator only
	70914321	4	4	NUT, jam, 5/16"NC } For PERFEX Radiator only
12A	706812l5	-	2	STRIP
	70927373	-	12	CAPSCREW, 5/16"NC x 7/8"
	70910286	-	12	LOCKWASHER, 5/16"
13	70653529	2	2	GASKET
14	70683545	1	1	HOUSING
	70918225	8	8	CAPSCREW, hex, socket-hd., 7/16"NC x 1-1/4"
15	70653509	1	1	THERMOSTAT
16	70653508	1	1	GASKET

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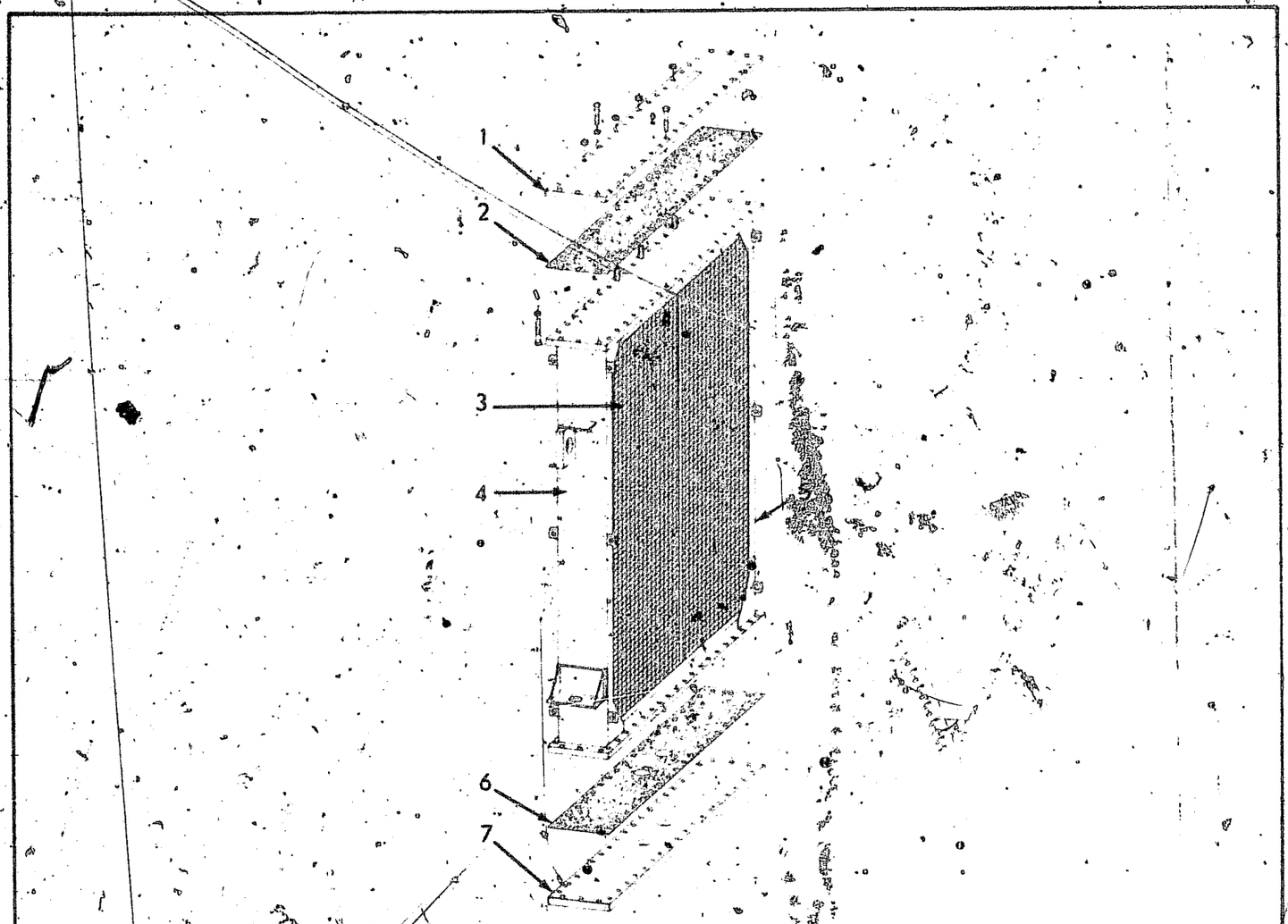


REAR RADIATOR AND SUPPORT

T-75957

REAR RADIATOR AND SUPPORT (Continued)

ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION
17	70652924	1	1	HOUSING
	70927226	4	4	CAPSCREW, 7/16"NC x 1-3/8"
	70914678	4	4	LOCKWASHER, 7/16"
18	70652275	1	-	SHROUD (Tractors prior to unit #01706)
	70681264	1	-	SHROUD (Tractors unit #01706 and up)
	70681220		1	SHROUD
19	70922262	6	6	CAPSCREW, 3/8"NC x 7/8"
	70677006	6	6	WASHER, plain
20	70652264	1	1	SUPPORT
21	70924864	4	4	CAPSCREW, 1/2"NC x 2-1/4"
22	70920574	4	4	CAPSCREW, 1/2"NC x 1-3/8"
	70677008	8	8	WASHER, plain
23	70652301	1	-	CHANNEL (Tractors prior to unit #01705)
	70679553	1	1	CHANNEL (Tractors unit #01705 and up)
24	70920585	4	4	CAPSCREW, 1/2"NC x 1-3/4"
25	70921556	4	4	CAPSCREW, 1/2"NC x 2"
	70677008	8	8	WASHER, plain
26	70666104	3	3	SHIM (.062) } Use as required
	70666105	2	2	SHIM (.031) }
27	70652297	1	-	CHANNEL (Tractors prior to unit #01705)
	70679554	1	1	CHANNEL (Tractors unit #01705 and up)
28	70920585	4	4	CAPSCREW, 1/2"NC x 1-3/4"
29	70921556	4	4	CAPSCREW, 1/2"NC x 2"
	70677008	8	8	WASHER, plain
30	70666108	2	2	SHIM (.031) } Use as required
	70666109	3	3	SHIM (.062) }



REAR RADIATOR PARTS

USAGE: See D-13

ITEM	PART NO.	QTY.	DESCRIPTION
1	0673732	1	COVER, top
	0901652	1	PLUG, pipe, 1/4" NPT, sq. hd.
	0920660	14	CAPSCREW, 5/16"NC x 1-1/2"
	0922286	14	CAPSCREW, 5/16"NC x 1-3/4"
	0923124	4	CAPSCREW, 5/16"NC x 2"
	0904205	42	LOCKWASHER, 5/16"
	0911025	28	NUT, 5/16"NC
2	0673733	1	GASKET, top
3	-------	1	CORE, } Not serviced. Order RADIATOR ASSY. 0634861-9
4	-------	1	SIDE, left }
5	-------	1	SIDE, right }
6	0673734	1	GASKET, bottom
7	0673730	1	COVER, bottom
	0920660	28	CAPSCREW, 5/16"NC x 1-1/2"
	0922286	14	CAPSCREW, 5/16"NC x 1-3/4"
	0904205	42	LOCKWASHER, 5/16"
	0911025	28	NUT, 5/16"NC

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NOTICE

Allis-Chalmers Corporation and Fiat S.p.A. entered into a joint venture agreement to combine their manufacture, sale and service of construction machinery products throughout the world after January 1, 1974.

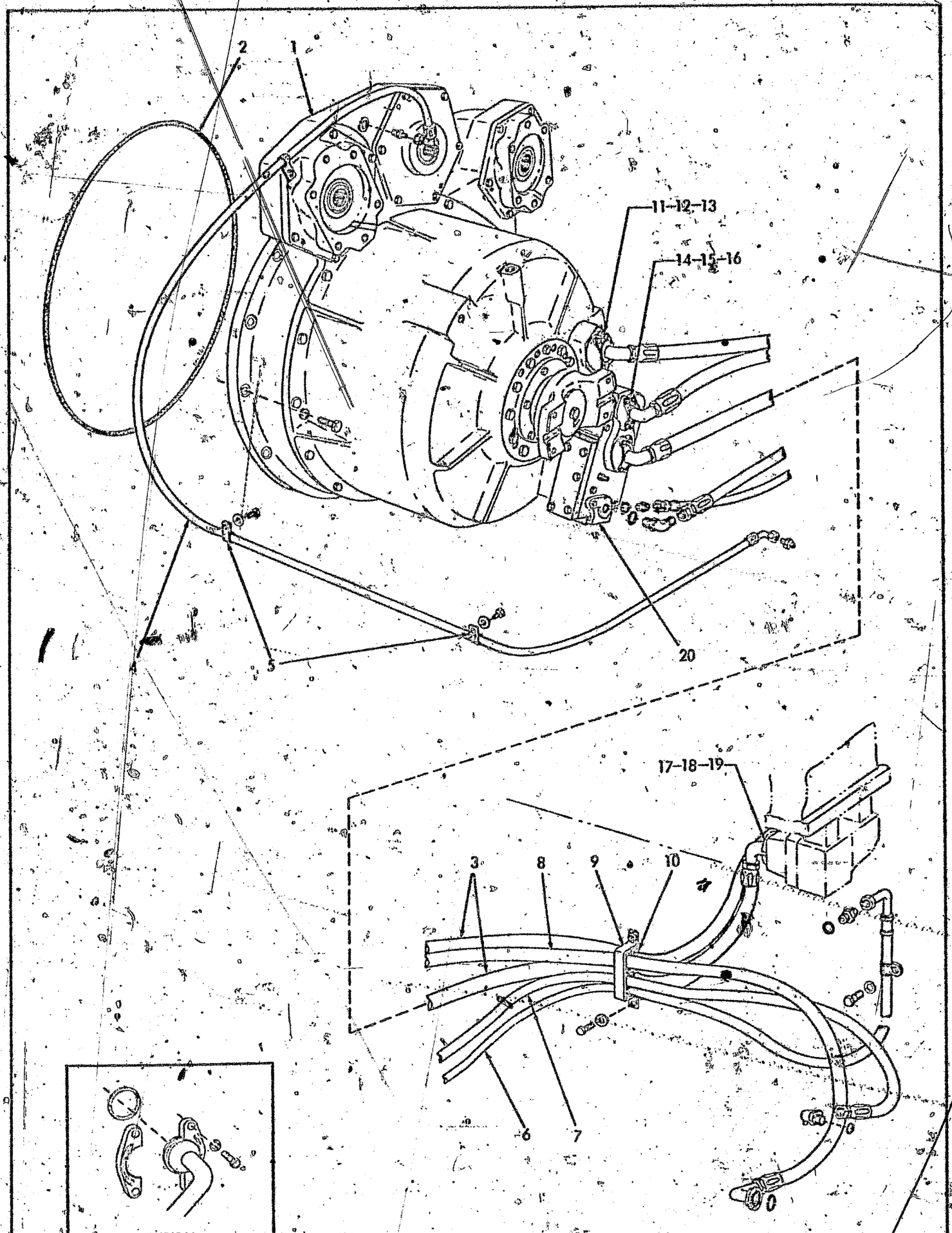
In view of the new enterprise, wherever in this publication reference is made to Allis-Chalmers or your Allis-Chalmers dealer, such reference is intended to identify Fiat-Allis Construction Machinery, Inc. or your Fiat-Allis dealer.

Also, for this new enterprise, a new series of 8-digit part numbers is in effect. This change is accomplished by eliminating the "check digit" wherever it may appear, and then, to this basic part number, prefixing a "7" (or "7" plus one or more zeros) to make a full 8-digit part number.

Examples:

667367	becomes 70667367
0688917-4	becomes 70688917
3060101-7	becomes 73060101

All part numbers listed herein must be changed per the above formula before ordering.



TORQUE CONVERTER AND LINES

TORQUE CONVERTER AND LINES

ITEM	PART NO.	QTY.	DESCRIPTION
1	70673100	1	CONVERTER ASSY. (See E-3 thru E-10
	70920583	12	CAPSCREW, 1/2"NC x 1-1/2"
	70912441	12	LOCKWASHER, 1/2"
2	70653503	1	O-RING
3	70652944	2	HOSE (See HOSE PARTS)
4	70670161	1	HOSE (See HOSE PARTS)
	70919172	2	CONNECTOR, flare type, 3/8" tube, 3/8" NPT male
5	70927309	4	CLIP
	70922763	3	CAPSCREW, 3/8"NC x 1"
	70928845	3	WASHER, plain
6	70653549	1	HOSE (See HOSE PARTS)
	70922522	1	CONNECTOR, flare type, 3/8" tube, 7/16"NF male end (Includes O-RING 0921885-0)
	70922457	1	CONNECTOR, flare type, 3/8" tube, 3/4"NF male end (Includes O-RING 0921349-7)
	70921885	1	O-RING
	70921349	1	O-RING
7	70652928	1	HOSE (See HOSE PARTS)
	70921227	1	ELBOW, adjustable 90° flare type, 1" tube, 1-5/16" straight thread (Includes washer, nut and O-RING)
	70673628	1	ELBOW (Includes washer, nut and O-RING)
	70921214	2	O-RING
8	70652927	1	HOSE (See HOSE PARTS)
9	70671363	1	BRACKET
	70921076	2	CAPSCREW, 3/8"NC x 1-1/4"
	70677006	2	WASHER, plain
10	70671364	1	BLOCK
11	70923578	2	O-RING
12	70921118	4	FLANGE
13	70920583	8	CAPSCREW, 1/2"NC x 1-1/2"
	70912441	8	LOCKWASHER, 1/2"
14	70923718	2	O-RING
15	70921116	4	FLANGE
16	70921076	8	CAPSCREW, 3/8"NC x 1-1/4"
	70910287	8	LOCKWASHER, 3/8"
17	70923664	2	O-RING
18	70921117	4	FLANGE
19	70925193	8	CAPSCREW, 7/16"NC x 1-3/8"
	70914678	8	LOCKWASHER, 7/16"
20	------	1	VALVE ASSY. (Component of Torque Converter. See E-11)

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FOR NEW PART NUMBERS INTRODUCED ON THIS FICHE ISSUANCE SEE GRID L-1, L-2

ALPHABETICAL INDEX

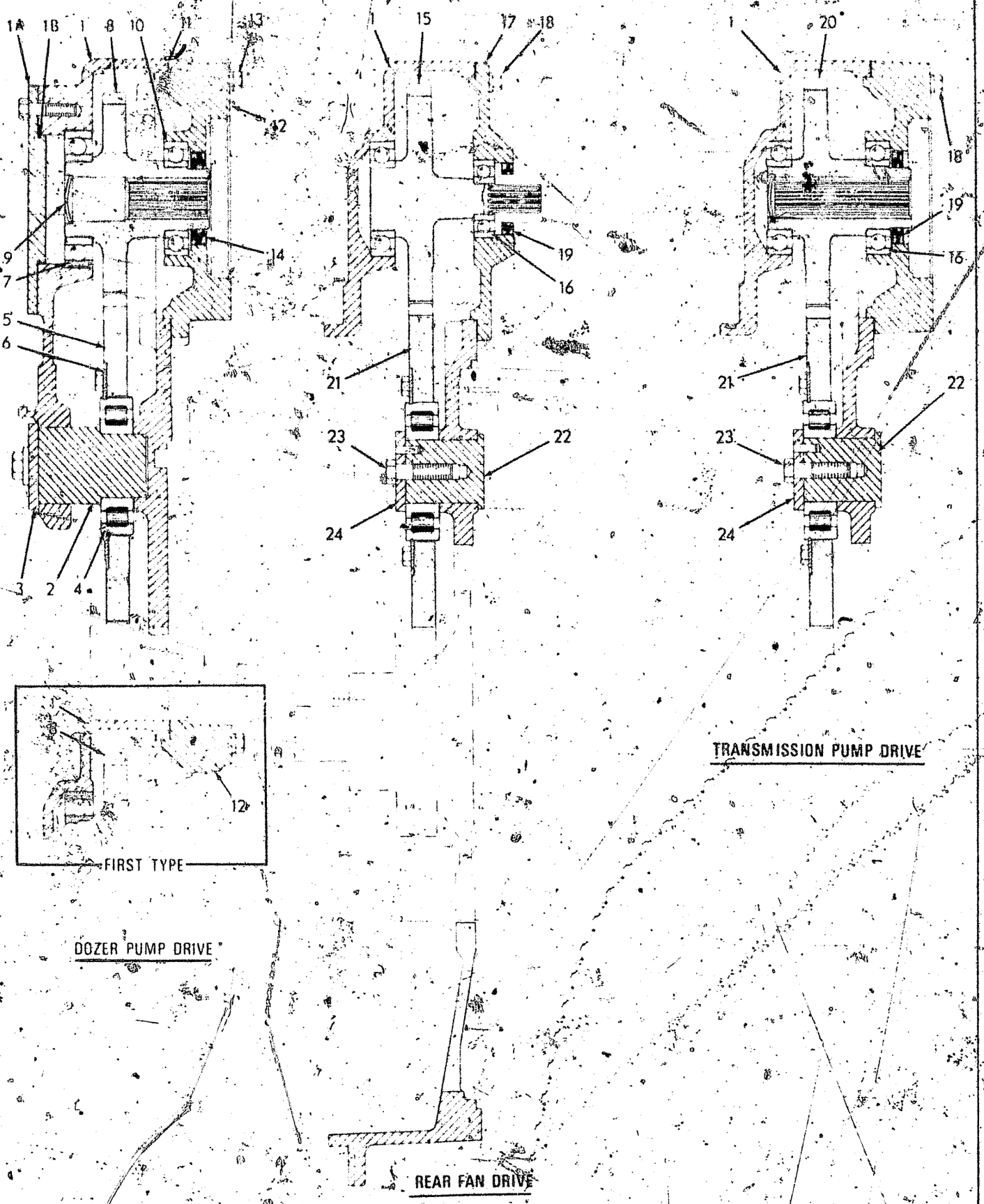
	Grid
Air Cleaner	1 C-7
Air Cleaner Mounting	1 C-5
Alternator	2 B-13
Auxiliary Valve Control	2 F-19, F-21
Batteries & Cables	2 B-8
Battery Box	2 B-10
Bevel Gear Shaft	1 G-9, 1 H-23
Brakes	1 I-3
Brake Controls	1 H-15
Brake Cylinder (Safety Brake)	1 I-10
Brake Drum	1 G-14
Clutch & Shaft Assembly	
Forward & Reverse	1 F-3
1st & 2nd Range	1 F-9
3rd Range	1 F-12
Control Valve & Return Lines	
(Dozer, Ripper, Tilt)	2 E-13
Parts	2 E-17, E-19
Counterweight	2 C-5
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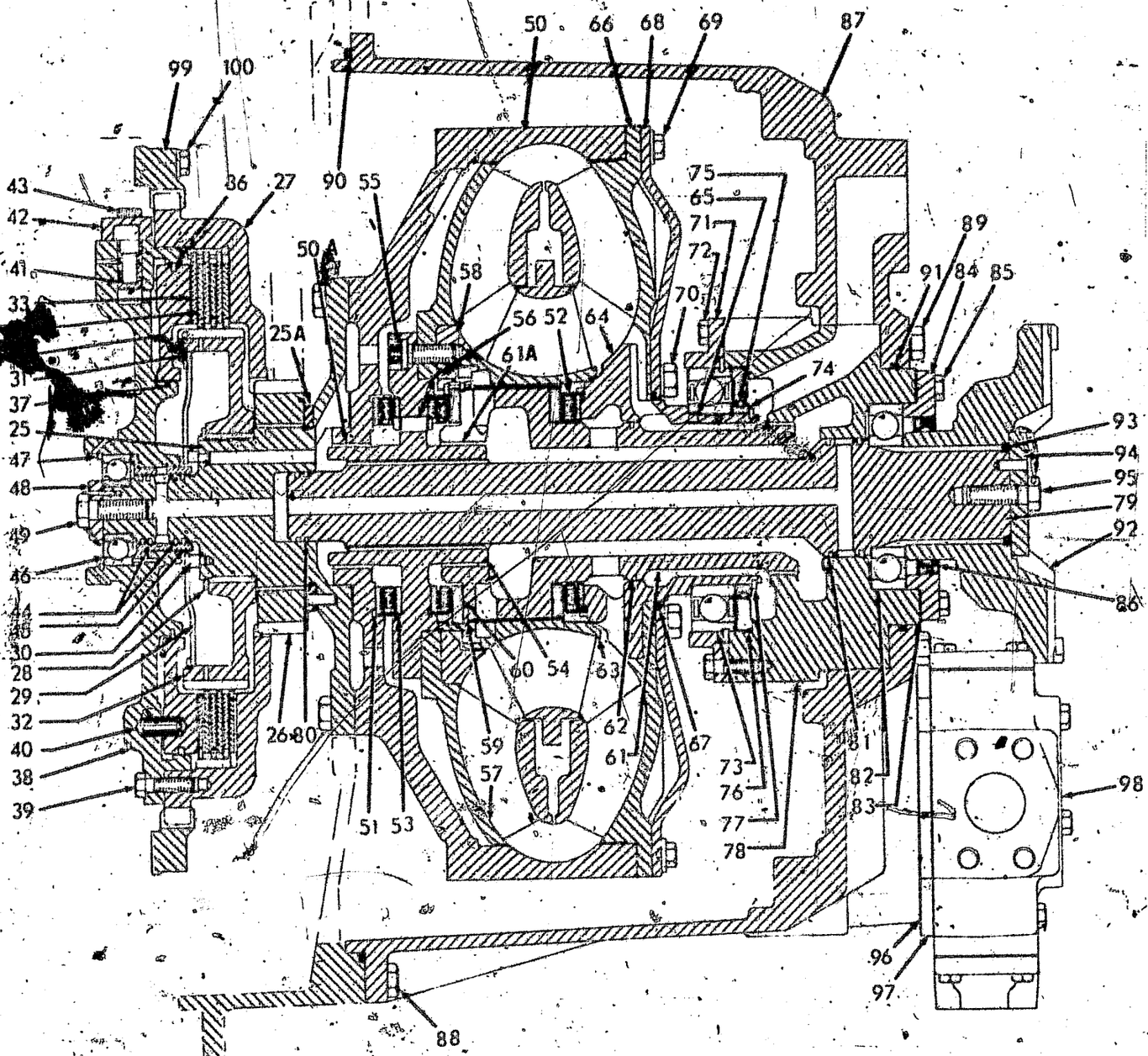
TORQUE CONVERTER PARTS

TORQUE CONVERTER PARTS

USAGE: See D-20.

ITEM	PART NO.	QTY.	DESCRIPTION	
1	70673086	1	ADAPTER (Original equipment)	
	70690247	1	ADAPTER (Includes item 1A)	
1A	70696122	1	PLATE ASSY., cover (Includes item 1B and hardware indented below	Service Replacement
	70920582	2	CAPSCREW, 1/2"NC x 1-1/4"	Service Replacement
1B	70931001	1	O-RING	Service Replacement
2	70658985	1	SHAFT	Service Replacement
3	70658984	1	PLATE	
	70916311	4	CAPSCREW, 1/2"NC x 1-1/4"	
	70679593	4	WASHER	
4	70677607	2	BEARING	
5	70658983	1	GEAR	
6	70658886	4	WASHER	
	70639534	8	CAPSCREW, self-locking, 3/8"NF x 5/8"	
7	74254027	1	BEARING	
8	70658982	1	GEAR	
9	70910014	2	PLUG	
10	70054073	4	BEARING	
11	70658975	3	GASKET	
12	70673101	2	PLATE	
13	70919224	12	CAPSCREW, 3/8"NC x 1-1/8"	
	73035025	12	WASHER	
14	73037990	2	SEAL	
15	70658883	1	GEAR	
16	70067916	1	BEARING	
17	70658974	1	CARRIER	
18	70919224	6	CAPSCREW, 3/8"NC x 1-1/8"	
	73035025	6	WASHER	
19	70664412	1	SEAL	
20	70658976	1	GEAR	
21	70658885	1	GEAR	
22	70656721	1	SHAFT	
	70915513	1	PIN, spring, 1/4" x 3/4"	
23	70916028	1	CAPSCREW	
24	70656720	1	WASHER	
25	70690244	1	FLANGE (Late Converters)	
	70673087	1	FLANGE ASSY. (Early Converters)	
	70916311	18	CAPSCREW, 1/2"NC x 1-1/4"	
25A	70689378	1	WASHER	
	70917947	2	PIN, spring, 3/16" x 1/2"	
26	70640779	1	GEAR ASSY. (Includes bushing which is not serviced separately)	

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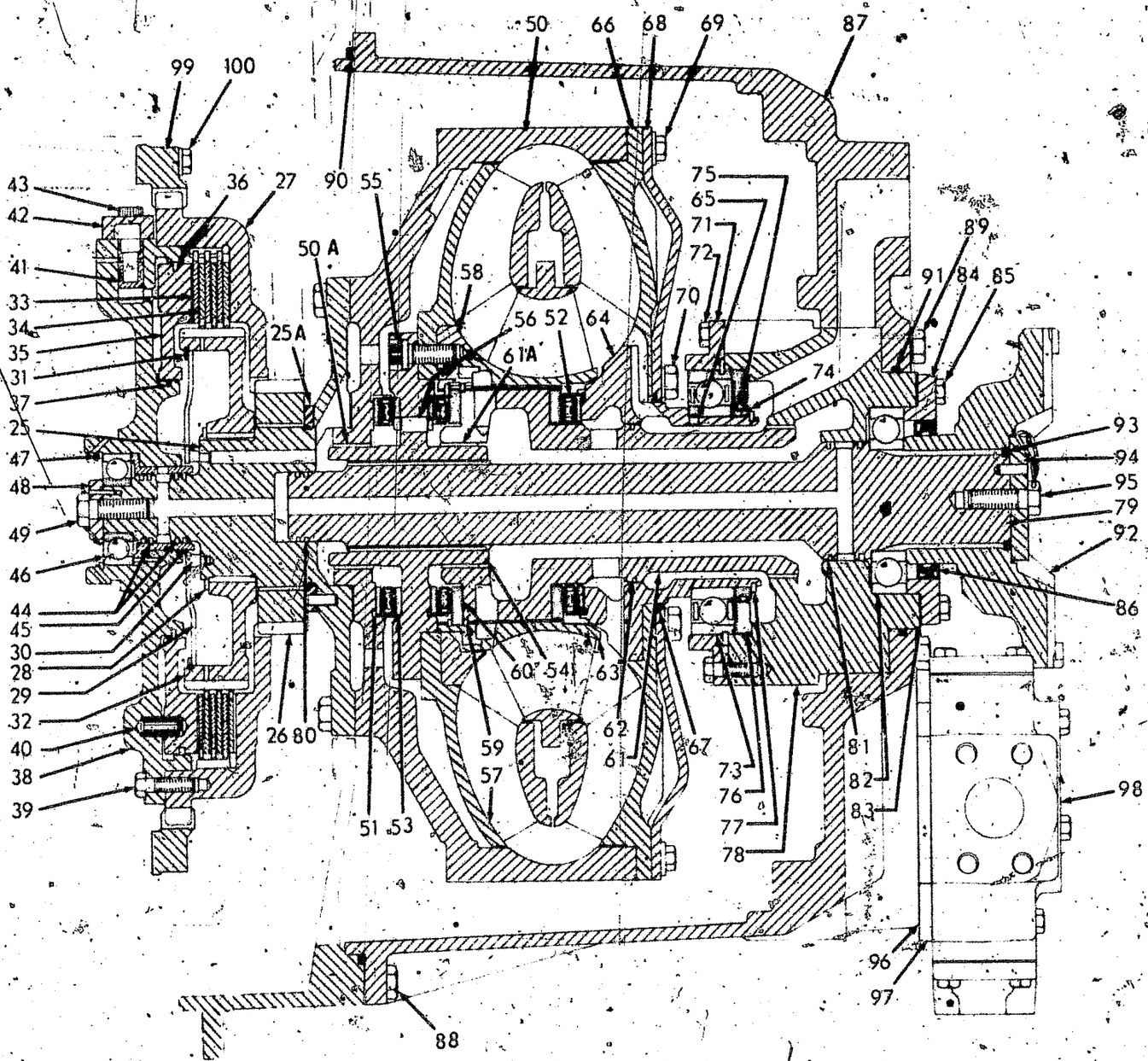
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TORQUE CONVERTER PARTS

TORQUE CONVERTER PARTS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
27	70673092	1	PLATE
28	70667636	1	RING, snap
29	70674484	1	PLATE
30	70674489	2	PIN
31	70927341	1	RING
32	70673088	1	RING
33	70630523	3	PLATE
34	70682971	3	PLATE
35	70673091	1	PISTON
36	70646982	1	RING
37	70646983	1	RING
38	70682970	1	CARRIER ASSY. (Includes dowel pins)
39	70916272	14	CAPSCREW, 3/8" NC x 1-1/4"
40	-------	2	PIN (Not serviced separately. Order item 38)
41	70673090	1	PISTON, pressure relief valve
42	70673103	1	CAP
43	70923390	2	SCREW, 12-pt., 3/8 NC x 7/8
44	70677606	4	RING
45	70673104	1	SLEEVE
	70919180	1	PIN, spring, 1/8" x 5/8"
46	74053173	1	BEARING
47	73035105	1	RING, snap
48	70639536	1	WASHER
	70919180	1	PIN, spring, 1/8" x 5/8"
49	70052526	1	CAPSCREW
	70023633	1	WIRE, locking, 1/16" x 12"
50	70658961	1	HOUSING ASSY. (Includes item 50A)
50A	70687434	1	BUSHING, housing
51	70658917	3	RACE
52	70658965	3	BEARING
53	70658920	1	RACE
54	70658918	1	HUB
55	70922065	18	SCREW, 12-point, 1/2" NC x 1-1/4"
56	70658967	1	PIN

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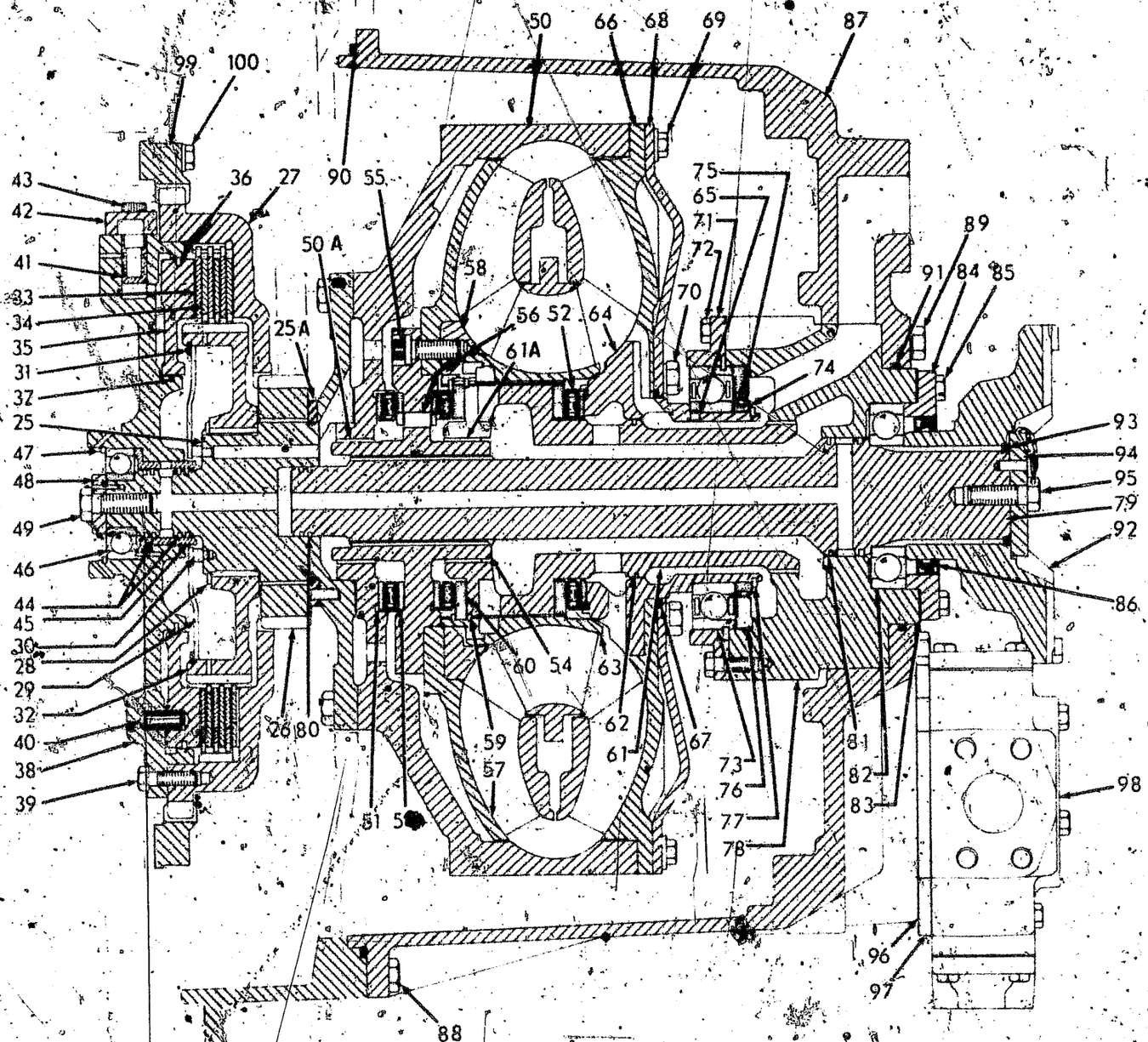
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TORQUE CONVERTER PARTS

TORQUE CONVERTER PARTS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
57	70658962	1	WHEEL (Torque Converters prior to S/N 258451)
	73108974	1	WHEEL (Torque Converter S/N 258451 and up)
58	70673098	1	RING (Torque Converters prior to S/N 258451).
59	70658922	2	RING, snap
60	70658921	2	PLATE
61	70658932	1	CARRIER ASSY. (Includes item 61A)(Torque Converters prior to S/N 265247)
	73113678	1	CARRIER ASSY. (Includes item 61A)(Torque Converters S/N 265247 and up)
61A	70687434	1	BUSHING, carrier
62	70658924	1	RING
63	70673093	1	WHEEL
64	70658925	1	HUB
65	70658953	1	PIN
66	70673097	1	WHEEL
67	70673102	1	O-RING
68	70673099	1	PLATE
69	70916272	36	CAPSCREW, 3/8" NC x 1-1/4"
	70657956	36	WASHER
70	70915987	8	CAPSCREW, 1/2" NC x 1-1/2"
	70187121	8	WASHER
71	70673105	1	CARRIER
72	70916271	7	CAPSCREW, 3/8" NC x 1"
73	70673094	1	BEARING
74	70658952	1	CARRIER
75	70658928	1	RING
76	70658927	1	SLEEVE
77	70658929	1	RING, snap
78	70673095	1	HOUSING
79	70658945	1	SHAFT
80	70642716	2	RING
81	73027741	2	RING
82	70058694	1	BEARING
83	70658950	1	GASKET
84	70658940	1	RETAINER
85	70916271	6	CAPSCREW, 3/8" NC x 1"
86	70658942	1	SEAL

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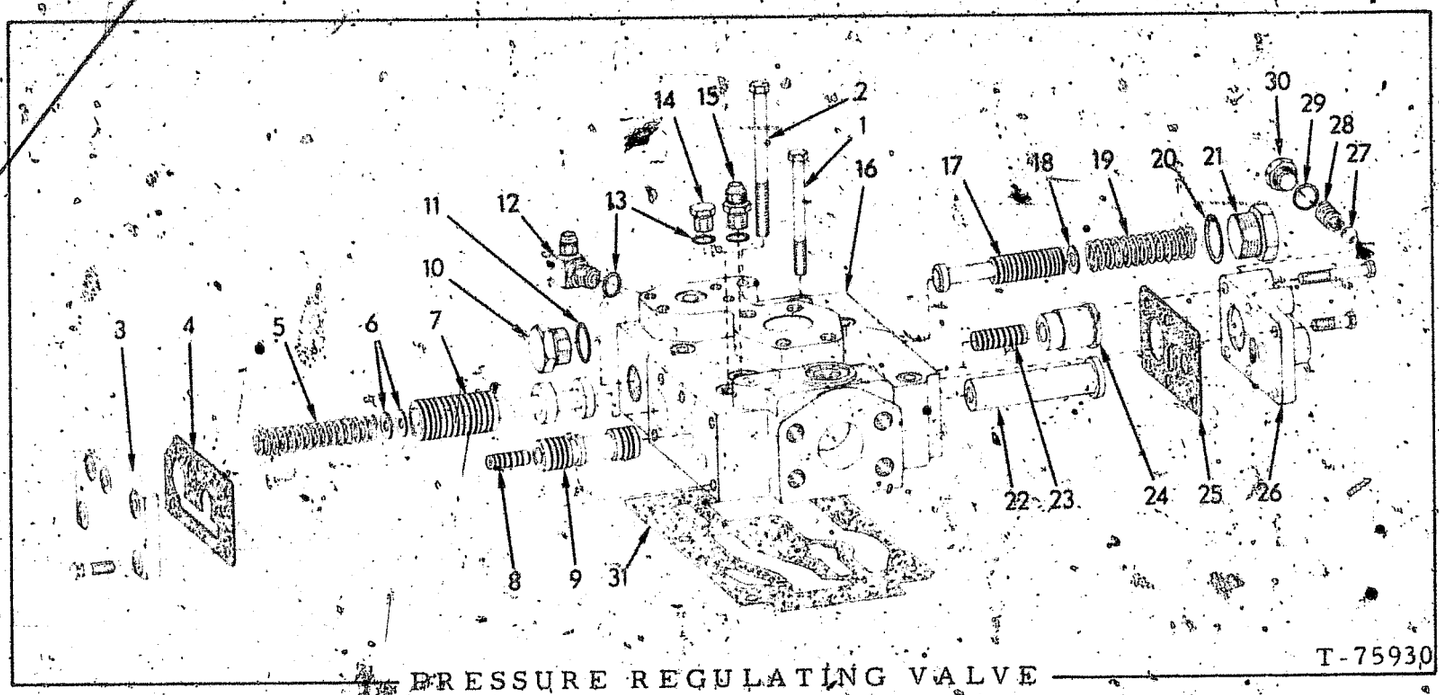


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TORQUE CONVERTER PARTS

TORQUE CONVERTER PARTS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
87	70673096	1	HOUSING
88	70916311	14	CAPSCREW 1/2-13NC x 1 3/4
89	70915087	12	CAPSCREW 1/2-13NC x 1 3/4
	73037944	12	WASHER
90	70926651	1	O RING
91	70923595	1	O RING
92	70658937	1	YOKE
93	70628562	1	O RING
94	70658941	1	PLATE
	70915513	1	PIPE PLUG
95	70052826	1	CAPSCREW
	70023033	1	WIRE LOCK
96	73113318	1	GASKET
97	70674083	1	PLATE
98	--------	1	VALVE ASSY. (See E-12)
99	70639316	1	RING } Not a component of Converter Assy.
100	70661323	12	BOLT } Located in Flywheel Housing



PRESSURE REGULATING VALVE

USAGE: See D-19

ITEM	PART NO.	QTY.	DESCRIPTION
-	70673030	1	VALVE ASSY. (Includes items 3 thru 30)
1	70919015	4	CAPSCREW, 3/8"NC x 3-1/2"
2	74054255	2	CAPSCREW
3	70673023	1	COVER
	70916271	5	CAPSCREW, 3/8"NC x 1"
4	70673027	1	GASKET
5	70673036	1	SPRING
6	70676996	-	WASHER } Use as required.
	74017718	-	WASHER }
7	70673029	1	PISTON
8	70673032	1	PISTON
9	70673031	1	PISTON (Used prior to Valve serial No. 306)
	70684035	1	PISTON (Effective with Valve serial No. 306)
10	70666076	1	PLUG
11	73041475	1	O-RING
12	70923540	1	ELBOW
13	70921883	3	O-RING
14	70925940	1	PLUG
15	70927424	1	CONNECTOR
16	----------	1	BODY
17	73039262	1	VALVE
18	70912298	1	WASHER

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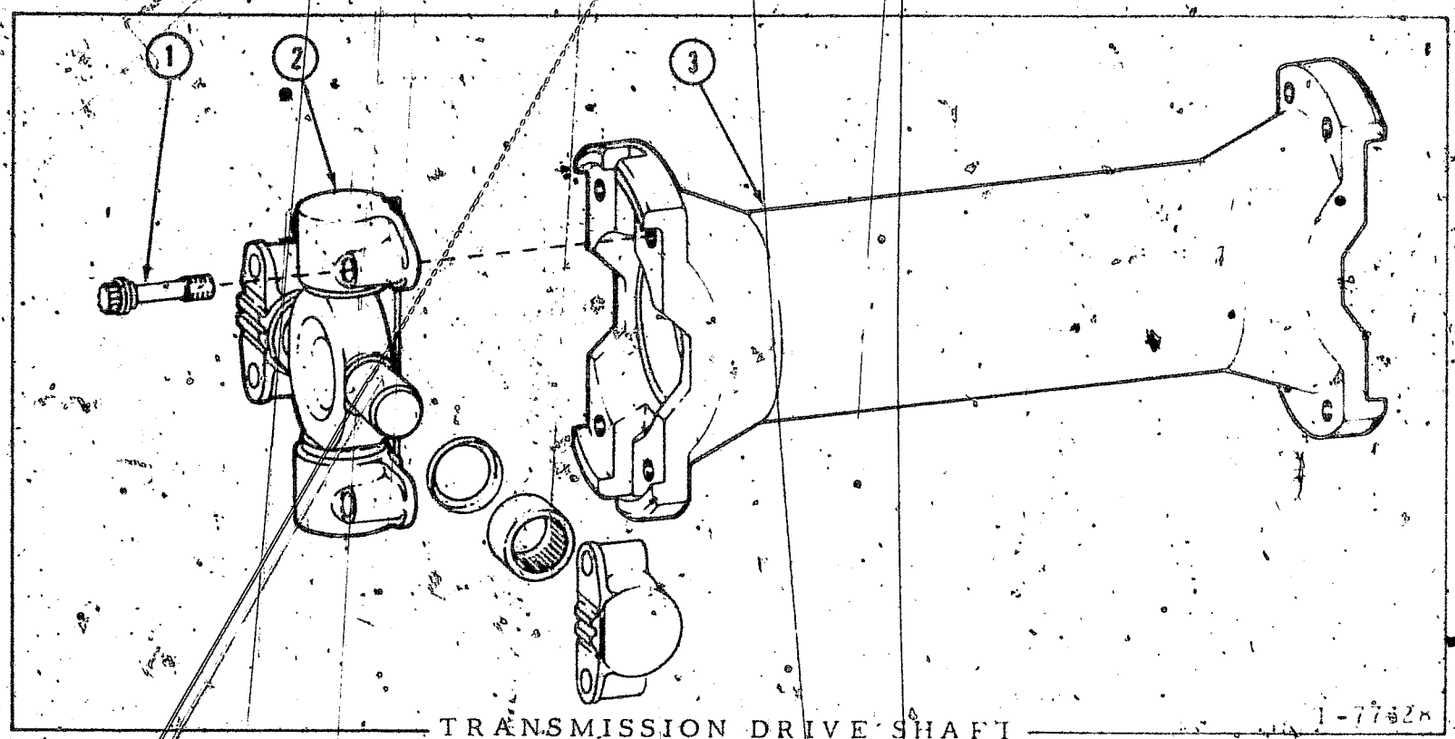
PRESSURE REGULATING VALVE (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
19	0659623	1	SPRING
20	0921214	1	O-RING
21	0673033	1	PLUG
22	0673035	1	STOP
23	0673034	1	PISTON
24	0673026	1	GUIDE
25	0673028	1	GASKET
26	0673025	1	COVER
	0916271	2	CAPSCREW, 3/8"NC x 1"
	0910948	4	CAPSCREW, 3/8"NC x 2"
27	0917579	1	BALL
28	0665851	1	SPRING
29	0921349	1	O-RING
30	0674531	1	PLUG
31	0674084	1	GASKET



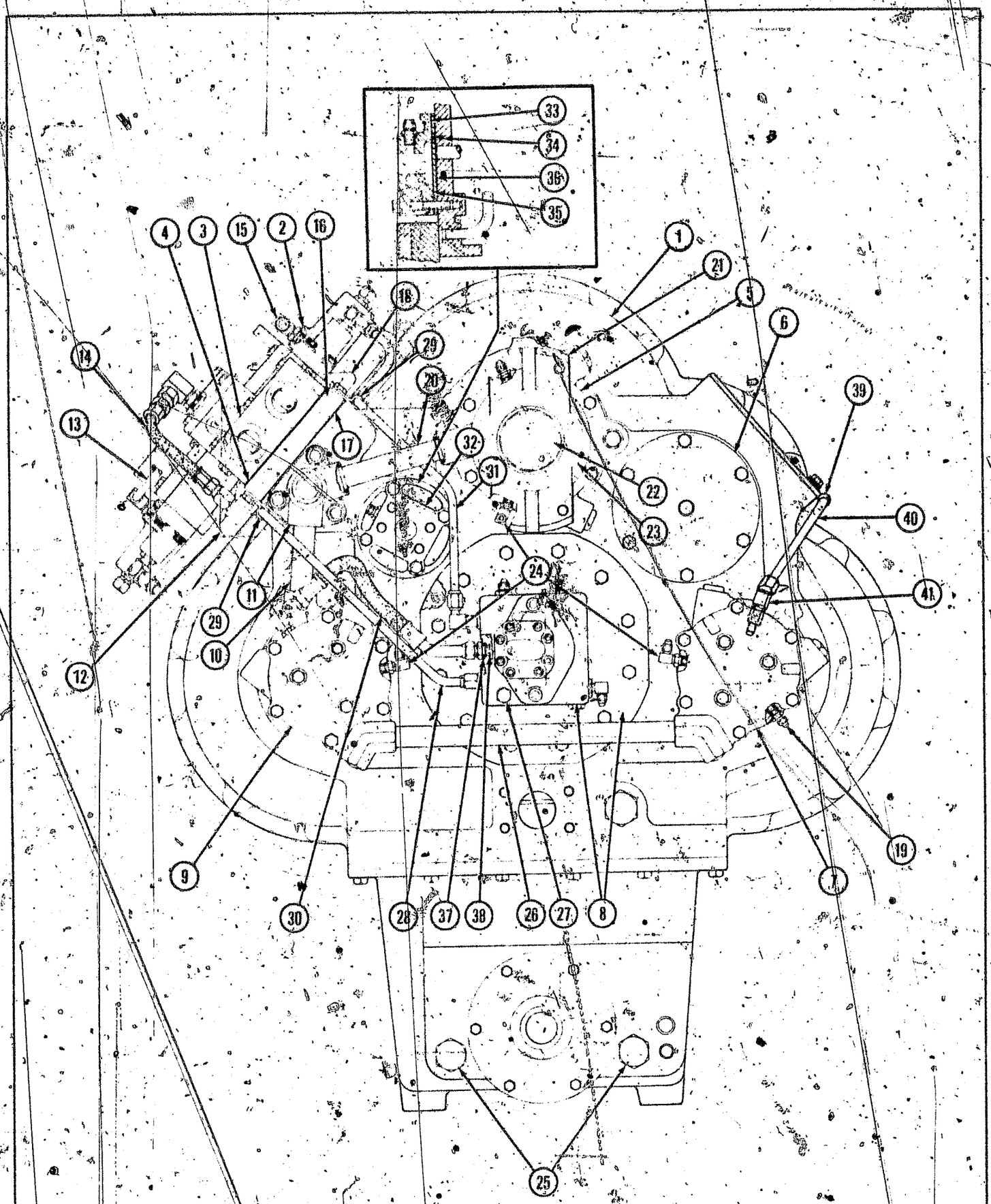
INPUT CLUTCH OIL RETURN

ITEM	PART NO.	QTY.	DESCRIPTION
1	0653501	1	GASKET
2	0653507	1	ELBOW
	0919224	2	CAPSCREW, 3/8"NC x 1-1/8"
	0919287	2	CAPSCREW, 3/8"NC x 1-7/8"
	0904206	4	LOCKWASHER, 3/8"
3	0667702	1	GASKET
4	0667701	1	TUBE
	0915987	2	CAPSCREW, 1/2"NC x 1-1/2"
	0904208	2	LOCKWASHER, 1/2"
5	0623234	2	HOSE
	0927308	8	CLAMP
6	0664231	1	TUBE
7	0652931	1	STEM
8	0921558	2	FLANGE
	0920583	4	CAPSCREW, 1/2"NC x 1-1/2"
	0912441	4	LOCKWASHER, 1/2"
9	0923814	1	O-RING



TRANSMISSION DRIVE SHAFT

ITEM	PART NO.	QTY.	DESCRIPTION
-	0663679	1	SHAFT ASSY. (Includes items 1 thru 3)
1	0185265	16	CAPSCREW
2	0665314	2	SPIDER ASSY.
3	0665313	1	TUBE


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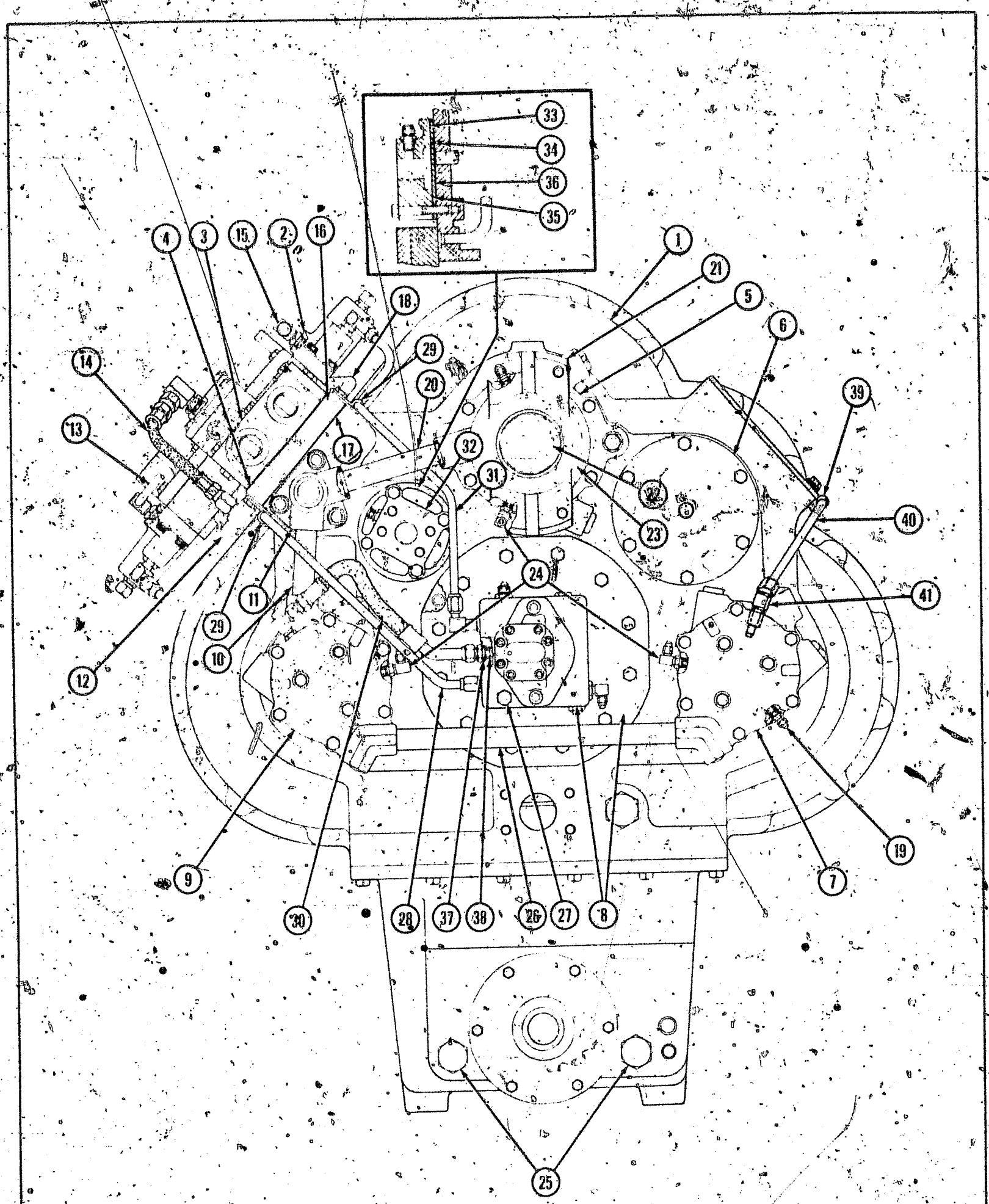
T-82603

TRANSMISSION

ITEM	PART NO.	QTY.	DESCRIPTION
1	70690875	1	TRANSMISSION ASSY. (Includes bevel gear and items 2 thru 34)
	70924676	19	CAPSCREW, Nylok, 5/8" NC x 2"
	70912942	19	LOCKWASHER, 5/8"
2	--------	1	VALVE ASSY., shift inhibiting (See F-18)
	70919015	3	CAPSCREW, 3/8" NC x 3-1/2" (Transmissions prior to S/N 307047)
	70928394	3	CAPSCREW, 3/8" NC x 3-3/4" (Transmissions
	70925428	2	WASHER (S/N 307047 and up)
3	--------	1	VALVE ASSY., travel control (See F-16)
	70916275	7	CAPSCREW, 5/16" NC x 3-3/4"
	70920682	4	CAPSCREW, 3/8" NC x 5-1/2"
4	70657408	1	GASKET, travel control valve
5	--------	-	See FORWARD/REVERSE CLUTCH SHAFT
6	--------	-	See COUNTER SHAFT
7	--------	-	See FIRST/SECOND RANGE CLUTCH SHAFT
8	--------	-	See BEVEL PINION SHAFT
9	--------	-	See THIRD RANGE CLUTCH SHAFT
10	70672482	1	TUBE
	70929437	2	O-RING
11	70672470	1	MANIFOLD
	70922220	3	CAPSCREW, 1/2" NC x 1-1/2"
	70929437	1	O-RING
12	70683632	1	TUBE ASSY., rear of valve to ditch plate (right side) (Includes nuts)
	70673714	2	ELBOW, 90°, 1/2" tube, 3/4" NC
	70930778	2	O-RING
13	73107695	1	TUBE ASSY., ditch plate to valve (right side)(Includes nuts)(On transmissions prior to S/N 307047 also order 1 CLAMP 70682128, 1 CAPSCREW 70928304 and 2 WASHER 70925428)
	70925983	1	ELBOW, adjustable, 90°, flare type, 3/8" tube, 9/16" male
	70929457	1	O-RING
14	73110384	1	HOSE (Transmission serial No. 3E7988 and up)
	--------	1	TUBE ASSY., (Includes nuts)(Transmissions prior to serial No. 3E7988, Order 73110384 HOSE)
	70673714	2	ELBOW, 90°, 1/2" tube, 3/4" NC
	70930778	2	O-RING
15	70683627	1	TUBE ASSY., ditch plate to valve (left side)(Includes nuts)
	70925983	1	ELBOW, adjustable, 90°, flare type, 3/8" tube, 9/16" male
	70929457	1	O-RING
16	70672469	1	PLATE, ditch
	70916272	2	CAPSCREW, 3/8" NC x 1-1/4"
17	70657501	1	GASKET, ditch plate
18	70683631	1	TUBE ASSY., rear of valve to ditch plate (left side) (Includes nuts)
	70673714	2	ELBOW, 90°, 1/2" tube, 3/4" NC
	70930778	2	O-RING
19	70927424	3	CONNECTOR, flare type, 1/4" tube, 7/16" NF male
	70929450	3	O-RING

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TRANSMISSION (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
20	70672481	1	TUBE
	70929437	2	O-RING
21	70657440	1	YOKE ASSY. (Includes items 22 and 23)
22	70672474	1	CUP, dust
23	70672475	1	SLINGER
24	70923540	3	ELBOW, 90°, flare type, 1/4" tube, 7/16"NF male
	70929450	3	O-RING
25	70927457	2	PLUG, pipe, hex-hd., 1-3/16"NF straight thd.
	70929452	2	O-RING
26	70672483	1	TUBE
	70929437	2	O-RING
27	70927553	1	PLUG, pipe, hex-hd., 3/8"NF straight thd.
	70930779	1	O-RING
28	70683630	1	TUBE ASSY., pump to valve (right side)(Includes nuts)
	70927456	1	CONNECTOR, flare type, 3/8" tube, 9/16"NF male
	70925983	1	ELBOW, adjustable, 90°, flare type, 3/8" tube, 9/16" male
	70929457	2	O-RING
29	70682128	5	CLAMP, tube supporting (1 less used prior to transmission S/N 307047)
	70916268	4	CAPSCREW, 3/8"NC x 5/8"
30	------	1	TUBE ASSY. (Tractors prior to unit #02044. Order 1 HOSE 0683621-7)
	70683621	1	HOSE (Tractor unit #02044 and up)
	70927456	1	CONNECTOR, flare type, 3/8" tube, 9/16"NF male
	70925983	1	ELBOW, adjustable, 90°, flare type, 3/8" tube, 9/16" male
	70929457	2	O-RING
31	70683629	1	TUBE ASSY., pump to valve (right side)(Includes nuts)
	70925983	1	ELBOW, adjustable, 90°, flare type, 3/8" tube, 9/16" male
	70927399	1	ELBOW, adjustable, 90°, flare type (long), 3/8" tube, 9/18" male (Includes O-RING)
	70929457	2	O-RING
32	70657429	1	COVER
	70916274	4	CAPSCREW, 3/8"NC x 2-1/4"
33	70657428	1	GASKET
34	70927398	1	PIN
35	70663709	1	PLATE
36	70664943	1	GASKET
37	70680404	1	SPRING
38	70639939	1	FILTER
39	70682128	2	CLAMP
	70927400	2	CAPSCREW, 3/8"NC x 5/8"
40	73113437	1	TUBE ASSY. (Includes Nuts)
41	70919062	1	FITTING

For units if transmission modification has been made to install larger Rear Pinion Bearing (See H-23)

(Revised August 1980)

NOTICE

Allis-Chalmers Corporation and Fiat S. p. A. entered into a joint venture agreement to combine their manufacture, sale and service of construction machinery products throughout the world after January 1, 1974.

In view of the new enterprise, wherever in this publication reference is made to Allis-Chalmers or your Allis-Chalmers dealer, such reference is intended to identify Fiat-Allis Construction Machinery, Inc. or your Fiat-Allis dealer.

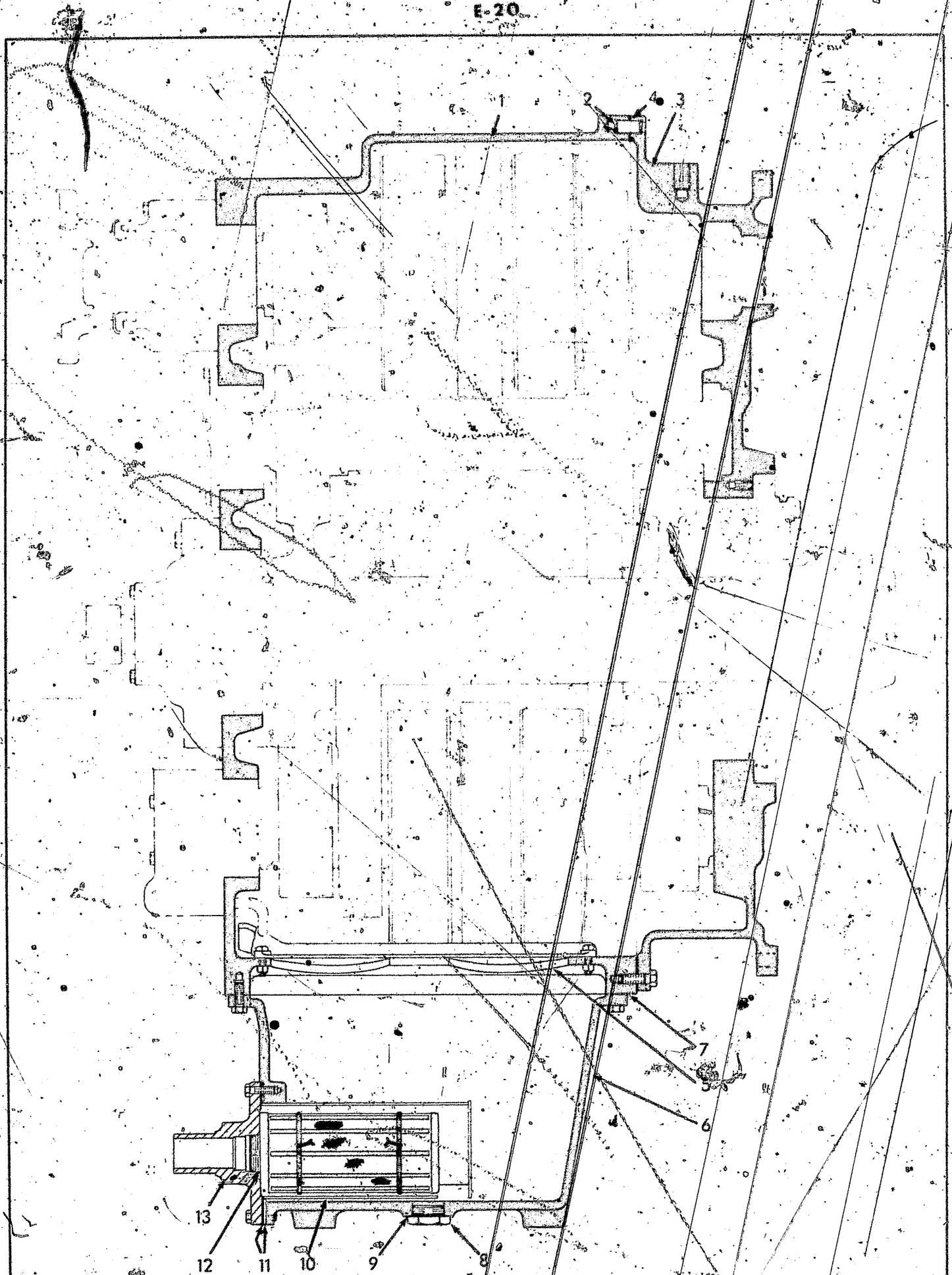
Also, for this new enterprise, a new series of 8-digit part numbers is in effect. This change is accomplished by eliminating the "check digit" wherever it may appear, and then, to this basic part number, prefixing a "7" (or "7" plus one or more zeros) to make a full 8-digit part number.

Examples:

667367	becomes 70667367
0688917-4	becomes 70688917
3060101-7	becomes 73060101

All part numbers listed herein must be changed per the above formula before ordering.

E-20

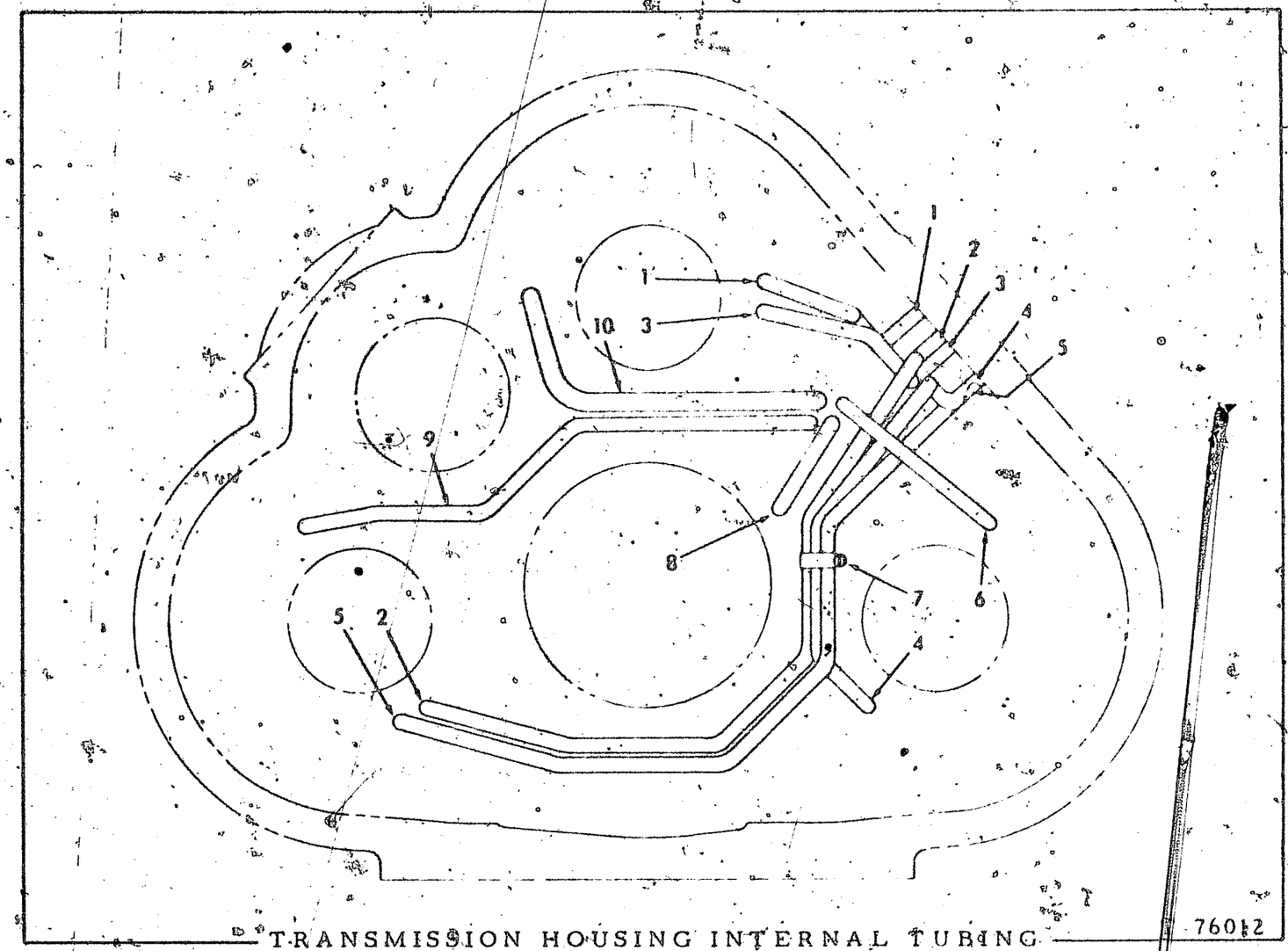


TRANSMISSION HOUSING AND COVER

T-76018

TRANSMISSION HOUSING AND COVER

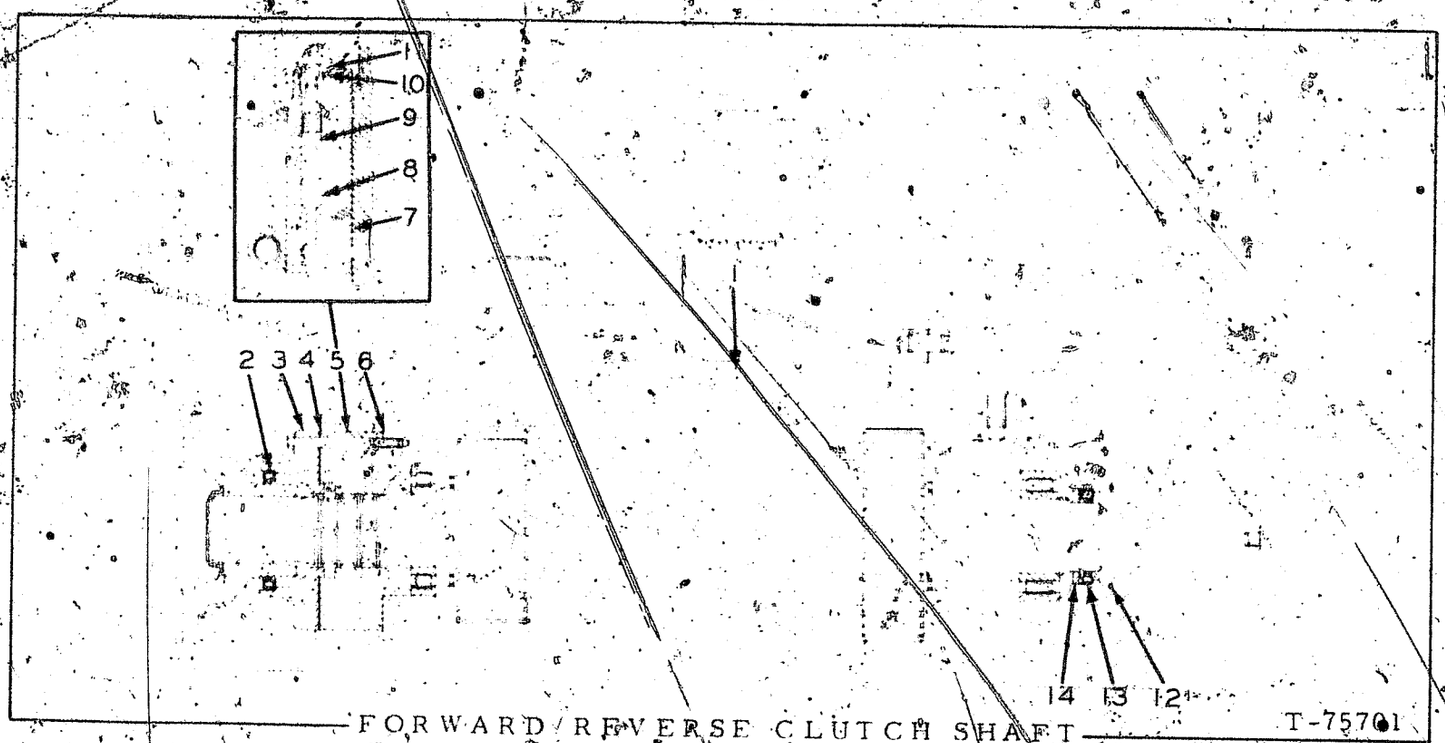
ITEM	PART NO.	QTY.	DESCRIPTION
1	70664945	1	HOUSING ASSY. (Includes internal tubing) (See E-22)
2	70657485	2	PIN
3	70657487	1	COVER (Tractors prior to unit #02044)
	70683624	1	COVER (Tractors unit #02044 and up) (Origional equipment)
	73113472	1	COVER (Service replacement for units if transmission modification has been made to install larger Rear Pinion Bearing)
	70915987	22	CAPSCREW, 1/2"NC x 1-1/2"
4	70657484	1	GASKET
5	70664889	1	BAFFLE — Used prior to Transmission #378579
	70916385	6	CAPSCREW, 3/8"NF x 2" — Used prior to Transmission #378579
	73040732	6	NUT, 3/8"NF — Used prior to Transmission #378579
	70681345	1	BAFFLE — Transmission #378579 and up
	70913847	6	CAPSCREW, 3/8"NC x 1-1/2" — Transmission #378579 and up
6	70664981	1	SUMP
	70916197	20	CAPSCREW, 7/16"NC x 1-1/4"
7	70657475	1	GASKET
8	70035250	1	PLUG
9	70667252	1	GASKET
10	70665077	1	SHROUD
11	70658357	2	GASKET
12	70658305	1	FILTER ASSY. (Includes filter, magnets and spring)
13	70658421	1	CARRIER
	70677212	6	CAPSCREW



TRANSMISSION HOUSING INTERNAL TUBING 76012

USAGE: See E-16

ITEM	PART NO.	QTY.	DESCRIPTION
1	70657401	1	TUBE
2	70657404	1	TUBE
3	70657402	1	TUBE
4	70657405	1	TUBE
5	70657406	1	TUBE
6	70657417	1	TUBE
7	70921912	1	CLAMP
8	70657416	1	TUBE
9	70657437	1	TUBE
10	70657436	1	TUBE



FORWARD/REVERSE CLUTCH SHAFT

USAGE: See E-16

ITEM	PART NO.	QTY.	DESCRIPTION	
1	-------	1	CLUTCH AND SHAFT ASSY. (See F-3)	
2	70628357	1	SEAL	
3	70672461	1	COVER	
	70919801	6	CAPSCREW, 3/8" NC	
	70924101	1	PLUG, 9/16" NF	
	70921885	1	O-RING	
4	70672471	1	GASKET	
5	70673744	1	VALVE ASSY. (Tractors prior to unit #02044)	Each includes items 7 thru 11
	70683625	1	VALVE ASSY. (Tractors unit #02044 and up)	
6	70672462	1	GASKET	
7	-------	1	BODY (Order item 5)	
8	70672473	2	PISTON	
9	70673718	2	SPRING	
10	70921205	2	O-RING	
11	73110819	2	PLUG	
12	70923586	1	O-RING	
13	70663482	1	SEAL	
14	70673713	1	PILOT	

(Revised November 1977)

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FOR NEW PART NUMBERS INTRODUCED ON THIS FICHE ISSUANCE SEE GRID L-1, L-2

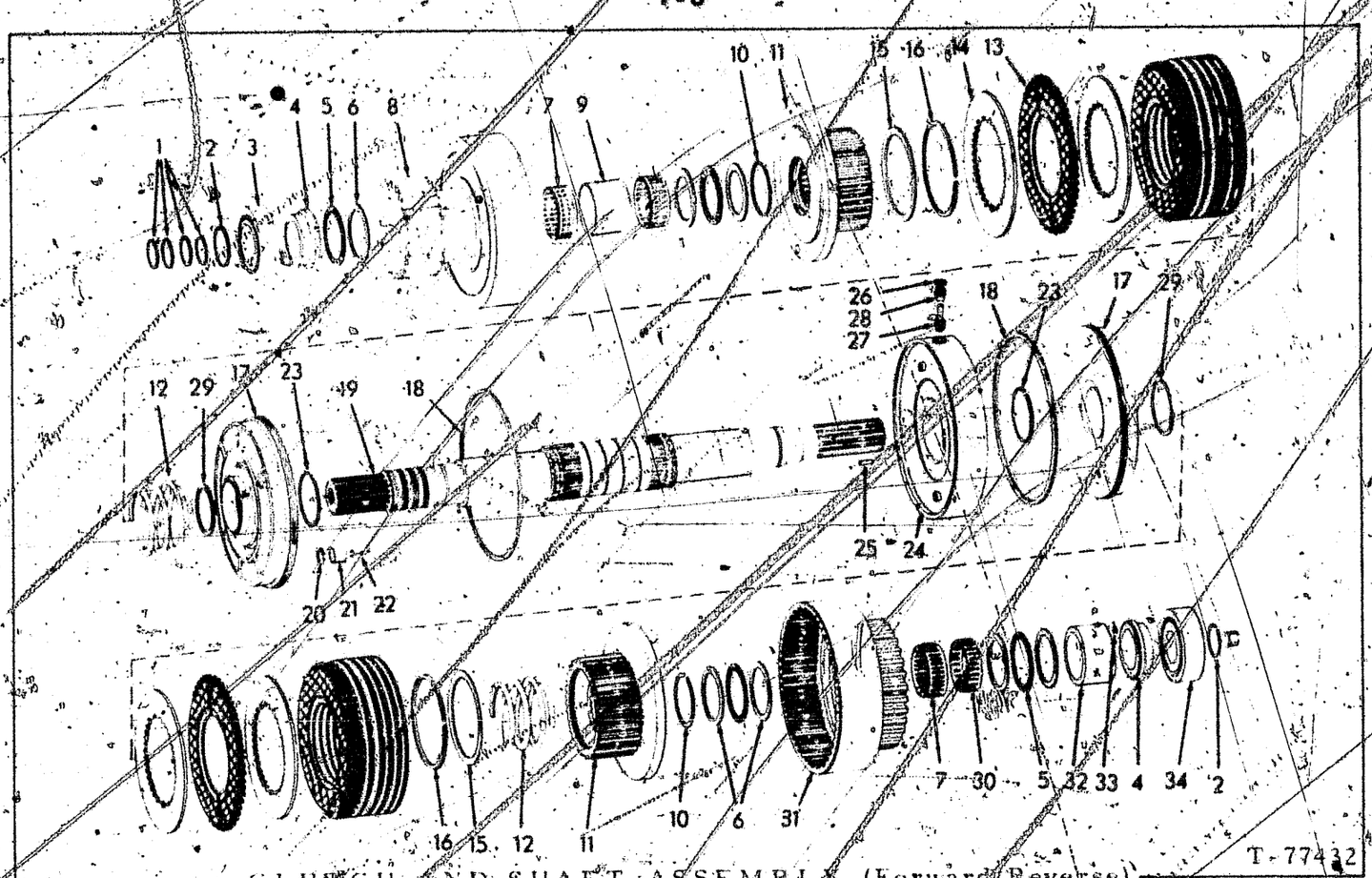
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CLUTCH AND SHAFT ASSEMBLY (Forward/Reverse) T-77432

USA-E: See E-23.

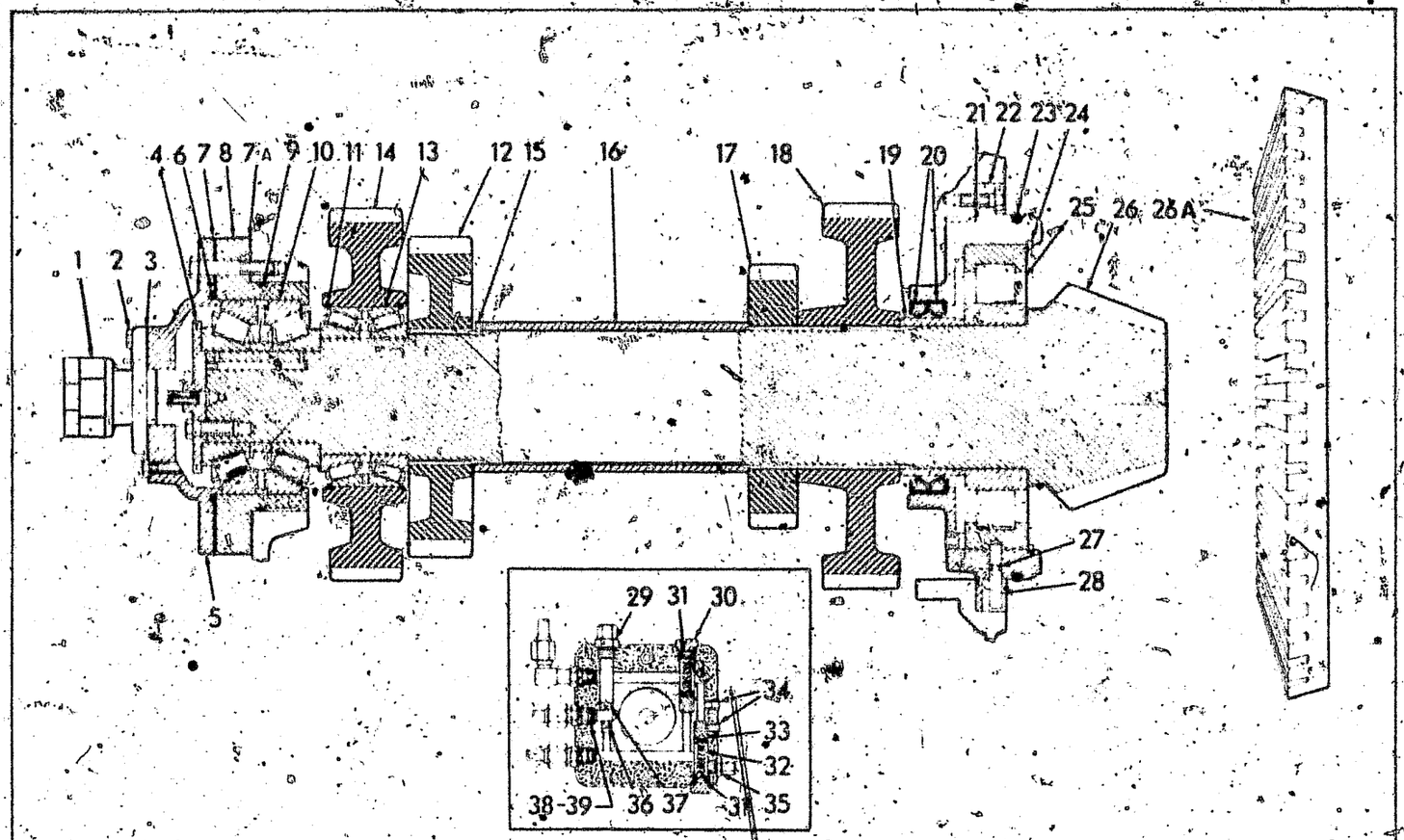
ITEM	PART NO.	QTY.	DESCRIPTION
-	70652702	1	CLUTCH AND SHAFT ASSY. (Consists of items 1 thru 32) (Tractors prior to unit #02044)
-	70683637	1	CLUTCH AND SHAFT ASSY. (Consists of items 1 thru 32) (Tractors unit #02044 and up)
1	70673729	4	RING
2	70067704	2	RING
3	70681629	1	BEARING (Tractors prior to unit #02044)
	70683620	1	BEARING (Tractors unit #02044 and up)
4	70658327	2	SPACER
5	70658195	4	BEARING
6	70658196	7	WASHER
7	70658256	3	BEARING
8	70658328	1	GEAR
9	70658329	1	SPACER
10	70672493	2	RING
11	70658191	2	HUB
12	70672494	2	SPRING

(Continued)

CLUTCH AND SHAFT ASSEMBLY (Forward/Reverse)

ITEM	PART NO.	QTY.	DESCRIPTION
13	70665142	16	PLATE, friction, outer
14	70658187	8	PLATE, friction, inner (.014" off flat)
	70657967	8	PLATE, friction, inner (flat)
15	70673721	2	PLATE
16	73034873	2	RING, snap
17	70658179	2	PISTON
18	70672498	2	RING
19	70658334	1	SHAFT ASSY. (Includes items 20 thru 25 and items indented below)(Tractors prior to unit #02044)
	70683638	1	SHAFT ASSY. (Includes items 20 thru 25 and items indented below)(Tractors unit #02044 and up)
	70907859	1	PLUG, pipe, hex-socket, 1/4"NPT
	70919242	4	PIN, spring, 1/8" x 3/8"
	70918547	1	PIN, spring, 1/8" x 1/2"
20	70076962	1	RING, snap
21	70659737	1	VALVE
22	70922135	1	PIN, spring
23	70672493	2	RING, snap
24	70695623	1	HOUSING ASSY. (Includes dowel pins)
25	70695625	1	PIN, housing locating
26	74254663	2	RING, snap
27	70672490	2	VALVE
28	70672487	2	SLEEVE
29	70672495	2	RING
30	70658197	1	BEARING
31	70658330	1	GEAR
32	70658331	1	SPACER (Prior to transmission serial No. 3B1482)
	70695621	1	SPACER ASSY. (Includes item 33)
33	73109039	1	PIN
34	70683622	1	BEARING

Transmission serial No. 3B1482 and up



BEVEL PINION SHAFT

USAGE: See E-16 (Origional equipment. See H-23 for service replacement)

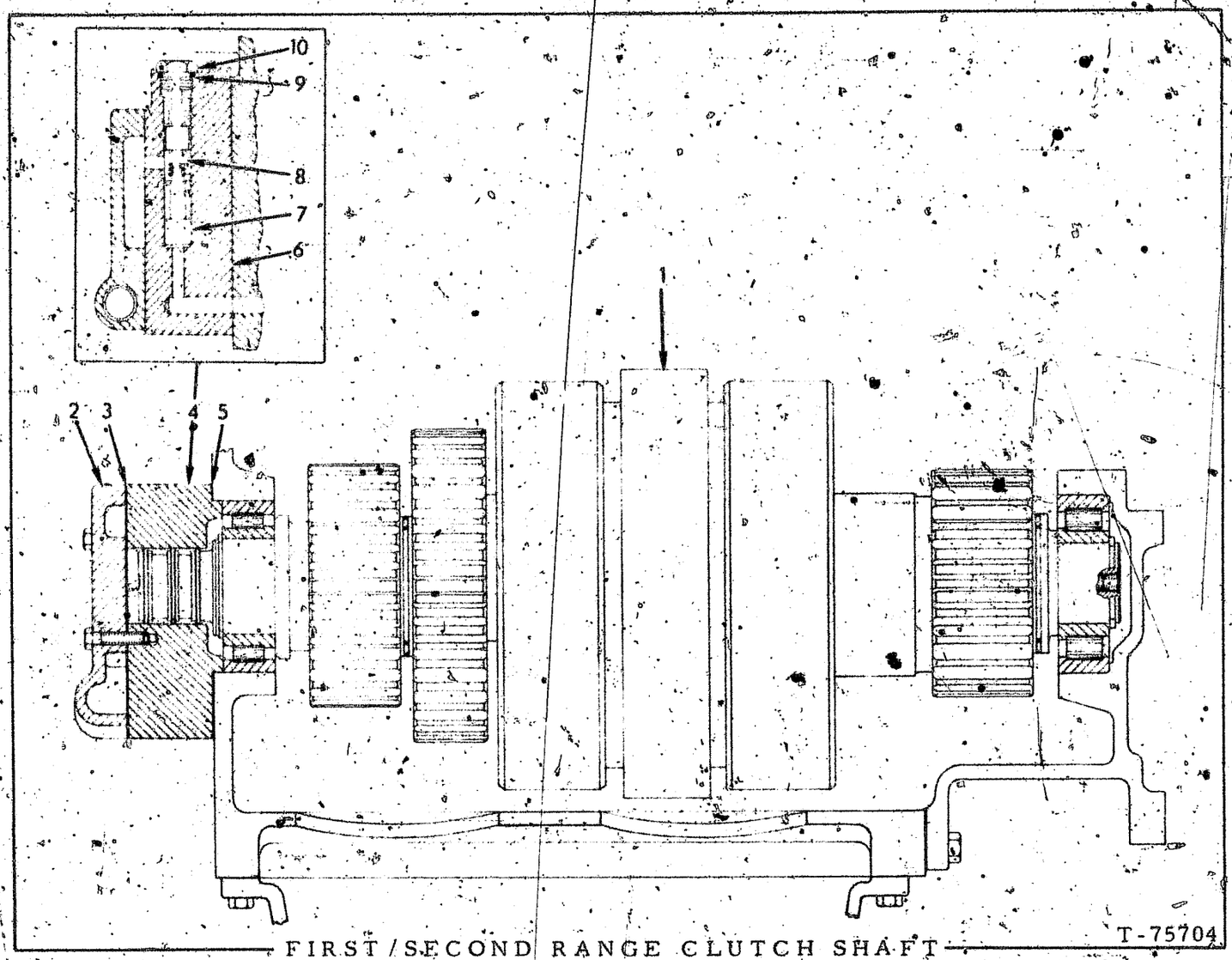
ITEM	PART NO.	QTY.	DESCRIPTION
1	--------	-	PUMP ASSY. (See E-15)
2	70914392	2	CAPSCREW, 5/16"NF x 1"
3	70672466	1	GASKET
4	70676116	1	RETAINER
	70191032	3	CAPSCREW, 1/2"NF x 1-1/4"
5	73107710	1	RETAINER (If for first replacement on transmissions prior to S/N 3D8250; also order items 8 and 10)
	70916317	12	CAPSCREW, 1/2"NC x 2-3/4"
6	70929445	1	O-RING
7	70687441	2	SHIM (.005" thick) }
	70687442	2	SHIM (.007" thick) } Use as required
	70687443	2	SHIM (.020" thick) }
7A	70657464	8	SHIM (.005" thick) }
	70657465	8	SHIM (.007" thick) } Use as required
	70657466	8	SHIM (.020" thick) }
8	73107709	1	SUPPORT (If for first replacement on transmissions prior to S/N 3D8250; also order items 5 and 10)
9	70930780	1	O-RING
10	73107708	1	BEARING (Includes 1 cup, 2 rollers and 1 spacer)(If for first replacement on transmissions prior to S/N 3D8250; also order items 5 and 8)

(Continued)

BEVEL PINION SHAFT (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
11	73034873	2	SNAP RING
12	70657472	1	GEAR
13	70657469	1	BEARING (Includes 1 cup, 2 rollers and 1 spacer)
14	70657471	1	GEAR
15	70681103	1	PIN
16	70657494	1	SPACER ASSY. (Includes item 15)
17	70657492	1	GEAR
18	70657493	1	GEAR
19	70657499	1	SPACER
20	70672497	2	SEAL
21	70927376	1	O-RING
22	70663711	1	RETAINER
	70916197	12	CAPSCREW, 7/16"NC x 1-1/4"
	70918887	3	PLUG, 3/8" NPT
23	70926178	1	O-RING
24	70657496	1	RING, snap
25	70681627	1	BEARING (If for first replacement prior to Transmission #378971 also order 1 PIN 70682129)
26	70652982	1	PINION
26A	70652308	1	GEAR
27	70929449	1	O-RING
28	70659711	1	PIN (Transmission prior to #378584)
	70682129	1	PIN (Transmission #378584 and up, also 3B 1001 and up).
29	70926292	1	CONNECTOR, flare type, 1/4" tube, 9/16" male end (Includes O-RING)
	70921885	1	O-RING
	70921467	1	CAP, flare fitting, 1/4" tube
30	70677474	2	PLUG
	70929457	2	O-RING
31	70680403	-	SHIM (Use as required)
32	70638887	2	SPRING
33	70677470	2	RISTON
34	70188168	2	PLUG
35	70927424	1	CONNECTOR, flare type, 1/4" tube, 7/16" NF male
	70929450	1	O-RING
	70921467	1	CAP, flare fitting, 1/4" tube
36	70680402	1	PLUG
37	70680401	1	PLUG
38	70680404	1	SPRING
39	70639939	1	FILTER

(Revised November, 1977)



FIRST/SECOND RANGE CLUTCH SHAFT

USAGE: See E-16

ITEM	PART NO.	QTY.	DESCRIPTION
1	-------	1	CLUTCH AND SHAFT ASSY. (See F-9)
2	70659712	1	COVER
	70919801	6	CAPSCREW, 3/8"NC x 4"
	70914847	3	CAPSCREW, 3/8"NC x 1-1/2"
3	70672465	1	GASKET
4	70673743	1	VALVE ASSY. (Includes items indented below and items 6 thru 10)
	70926697	1	PLUG, 9/16"NF (Includes O-RING)
	70929457	1	O-RING
5	70672463	1	GASKET
6	-------	1	BODY (Order item 4)
7	70672473	2	PISTON
8	70673718	2	SPRING
9	70929456	2	O-RING
10	70672472	2	PLUG

NOTICE

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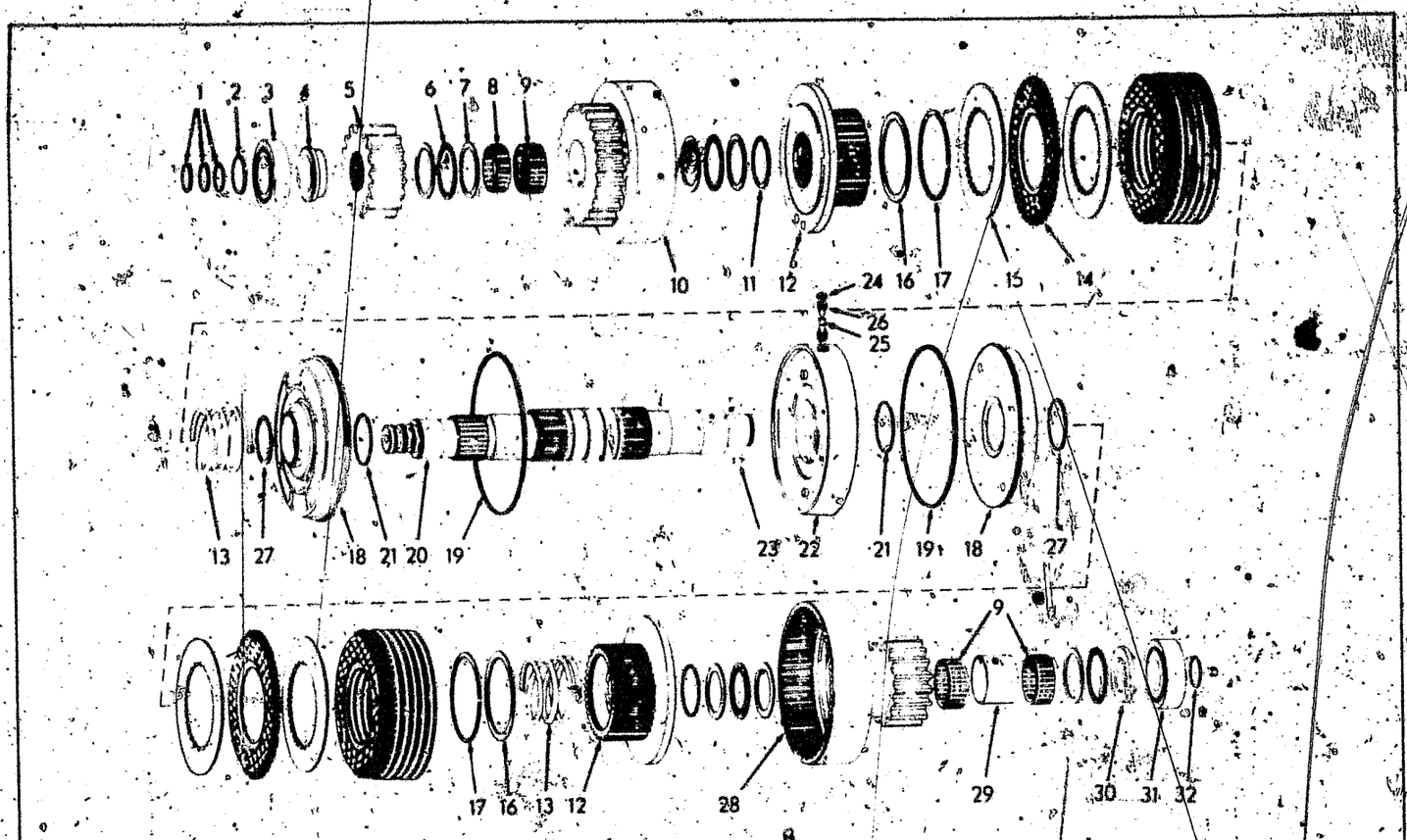
In view of the new enterprise, wherever in this publication reference is made to Allis-Chalmers or your Allis-Chalmers dealer, such reference is intended to identify Fiat-Allis Construction Machinery, Inc. or your Fiat-Allis dealer.

Also, for this new enterprise, a new series of 8-digit part numbers is in effect. This change is accomplished by eliminating the "check digit" wherever it may appear, and then, to this basic part number, prefixing a "7" (or "7" plus one or more zeros) to make a full 8-digit part number.

Examples:

667367	becomes 70667367
0688917-4	becomes 70688917
3060101-7	becomes 73060101

All part numbers listed herein must be changed per the above formula before ordering.



CLUTCH AND SHAFT ASSEMBLY (First/Second Range) T-77433

USAGE: See F-7

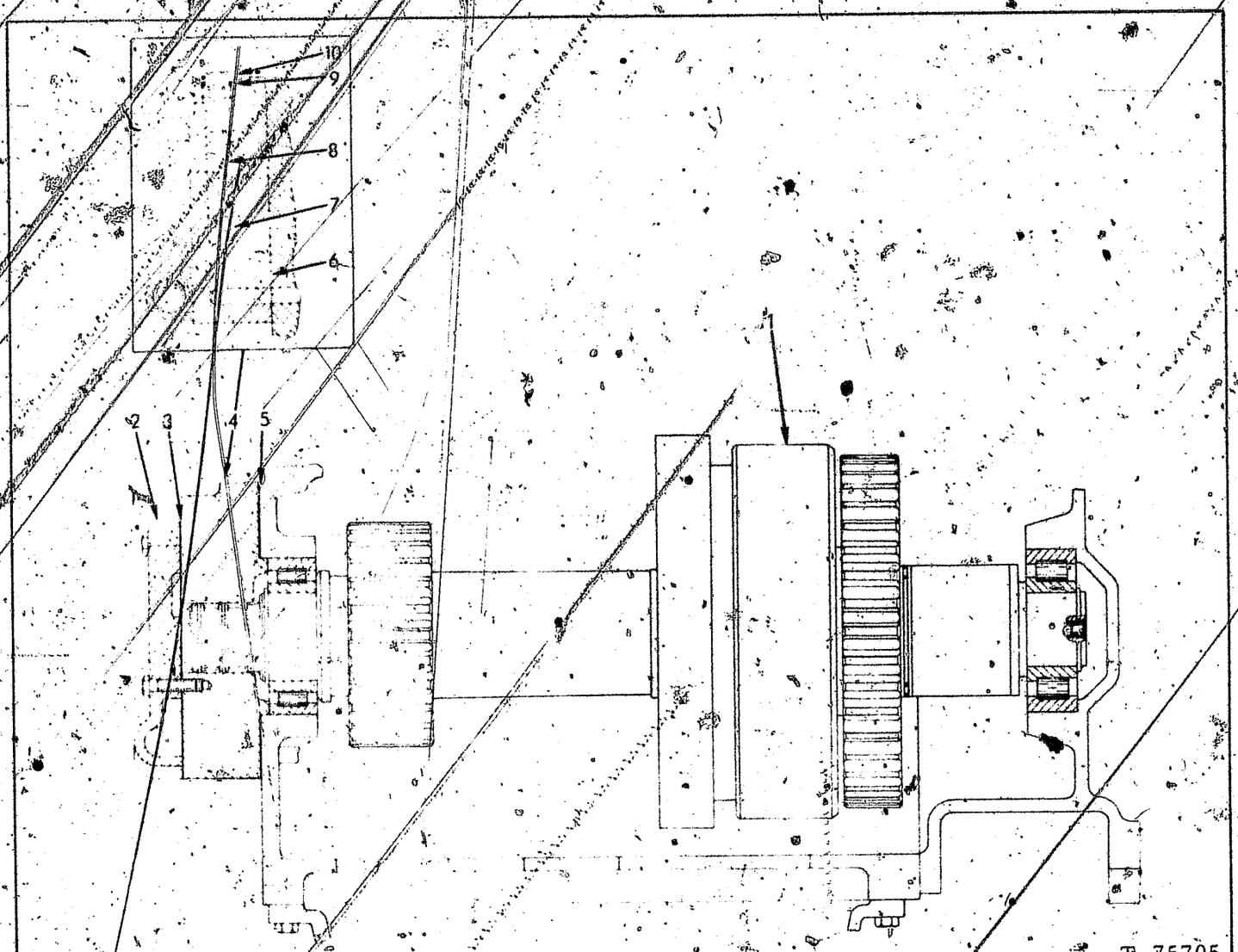
* Tractors prior to serial No. 99A02044
** Tractor serial No. 99A02044 and up

ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION	
-	70652691	1	-	CLUTCH AND SHAFT ASSY.	Each consists of items 1 thru 31.
-	70683636	-	1	CLUTCH AND SHAFT ASSY.	
1	73037629	3	3	RING	
2	70067704	1	1	RING	
3	70683622	1	1	BEARING	
4	70672491	1	1	SPACER	
5	70658172	1	1	GEAR	
6	70658195	4	4	BEARING	
7	70658196	7	7	WASHER	
8	70658197	1	1	BEARING	
9	70658256	3	3	BEARING	
10	70658255	1	1	GEAR	
11	70672493	2	2	RING	

(Continued)

CLUTCH AND SHAFT ASSEMBLY (First, Second Range) (Continued)

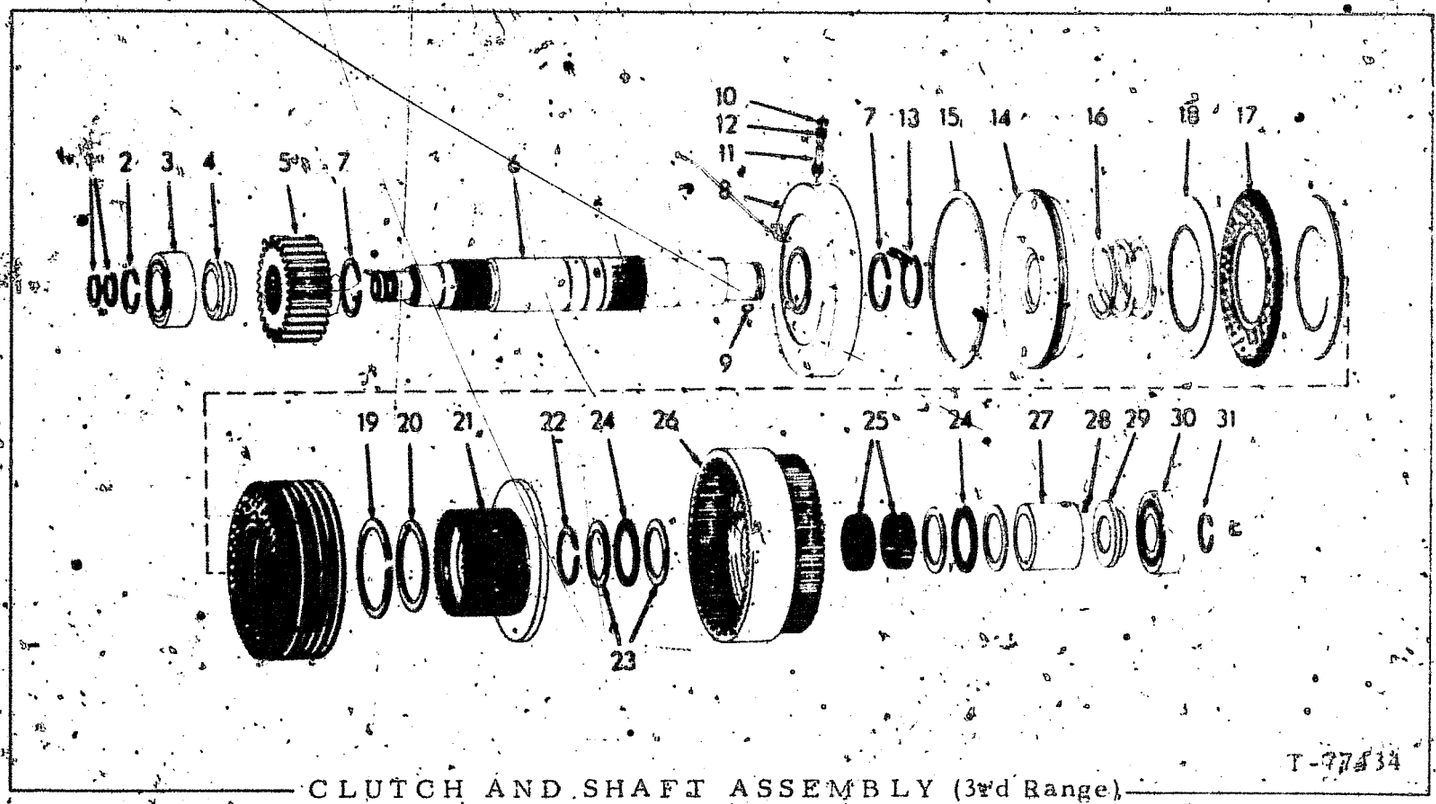
ITEM	PART NO.	QTY.		DESCRIPTION
12	70658191	2	2	HUB
13	70672494	2	2	SPRING
14	70658188	16	16	PLATE, friction, outer
15	70658187	8	8	PLATE, friction, inner (.014" off flat)
	70657967	8	8	PLATE, friction, inner (flat)
16	70673721	2	2	PLATE
17	73034873	2	2	RING, snap
18	70658179	2	2	PISTON
19	70672498	2	2	RING
20	70658254	1	-	SHAFT ASSY. } Each includes items 21 and 23 and hardware indented below
	70683639	-	1	SHAFT ASSY. }
	70186648	1	1	PLUG, pipe
	70919242	4	3	PIN, spring
21	70672493	2	2	RING, snap
22	70695623	1	1	HOUSING ASSY. (Includes dowel pins)
23	70695625	1	1	PIN, housing locating
24	74254663	2	2	RING, snap
25	70672490	2	2	VALVE
26	70672487	2	2	SLEEVE
27	70672495	2	2	RING
28	70658257	1	1	GEAR
29	70658258	1	1	SPACER
30	70658200	1	-	SPACER
	70658327	-	1	SPACER
31	70681357	1	-	BEARING
	70683619	-	1	BEARING
32	70628509	1	-	RING, snap
	70067704	-	1	RING, snap



THIRD RANGE CLUTCH SHAFT

USAGE: See E-16

ITEM	PART NO.	QTY.	DESCRIPTION
1	-------	1	CLUTCH AND SHAFT ASSY. (See F-13)
2	70665163	1	COVER
	70919801	6	CAPSCREW, 3/8"NC x 4"
	70914847	3	CAPSCREW, 3/8"NC x 1-1/2"
3	70672465	1	GASKET
4	70673742	1	VALVE ASSY. (Includes items indented below and items 6 thru 10)
	70926697	1	PLUG, 9/16"NF (Includes O-RING)
	70929457	1	O-RING
5	70672463	1	GASKET
6	-------	1	BODY (Order item 4)
7	70672473	1	PISTON
8	70673718	1	SPRING
9	70929456	1	O-RING
10	70672472	1	PLUG



CLUTCH AND SHAFT ASSEMBLY (3rd Range)

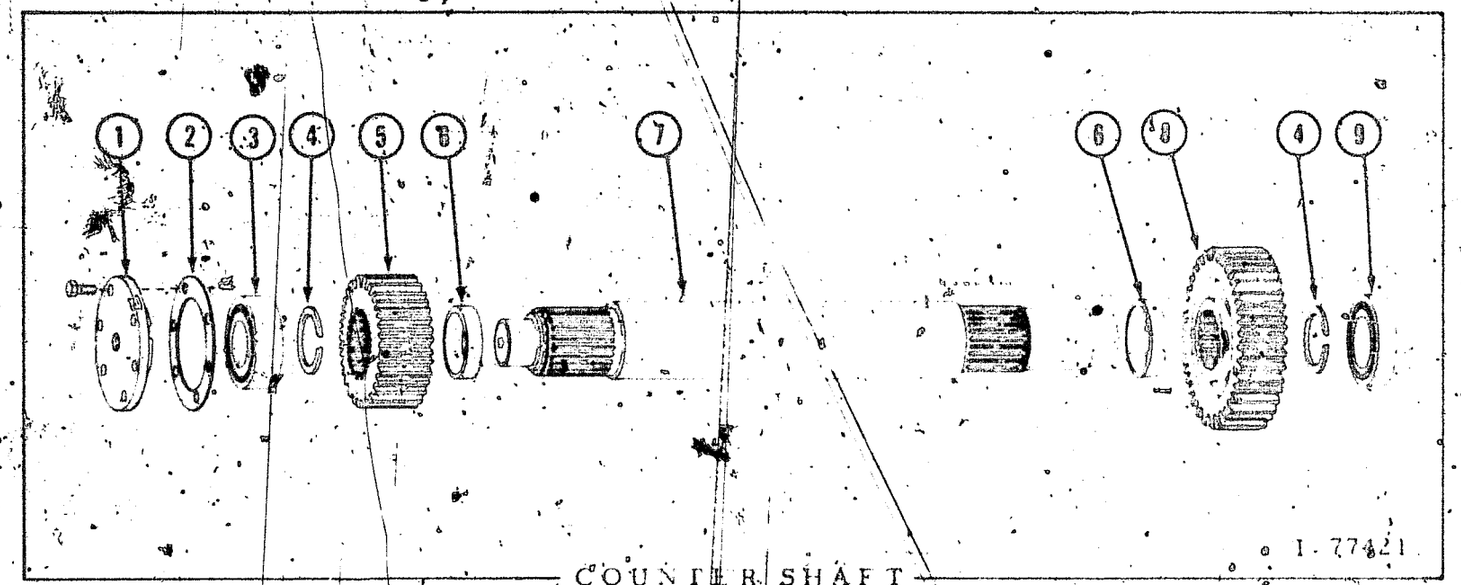
USAGE: See F-11

ITEM	PART NO.	QTY.	DESCRIPTION
-	70652728	1	CLUTCH AND SHAFT ASSY. (Consists of items 1 thru 31) (Transmissions prior to serial No. 386357)
-	70686226	1	CLUTCH AND SHAFT ASSY. (Consists of items 1 thru 31) (Transmissions serial No. 386357 and up also 3B1001 and up)
1	73037629	2	RING
2	70067704	1	RING, snap
3	70683622	1	BEARING
4	70672491	1	SPACER
5	70658172	1	GEAR
6	70658169	1	SHAFT ASSY. (Includes items 7 thru 9)(Transmissions prior to serial No. 386357)
	70686227	1	SHAFT ASSY. (Includes items 7 thru 9)(Transmissions serial No. 386357 and up also 3B1001 and up)
	70686648	1	PLUG, pipe
	70919242	3	PIN, spring (1 less used with Transmission serial No. 386357 and up also 3B1001 and up)
7	70672493	2	RING, snap
8	70695624	1	HOUSING ASSY. (Includes dowel pins)
9	70695625	1	PIN, housing locating
10	74254663	1	RING, snap
11	70672490	1	VALVE
12	70672487	1	SLEEVE
13	70672495	1	RING
14	70658179	1	PISTON

(Continued)

CLUTCH AND SHAFT ASSEMBLY (Third Range) (Continued)

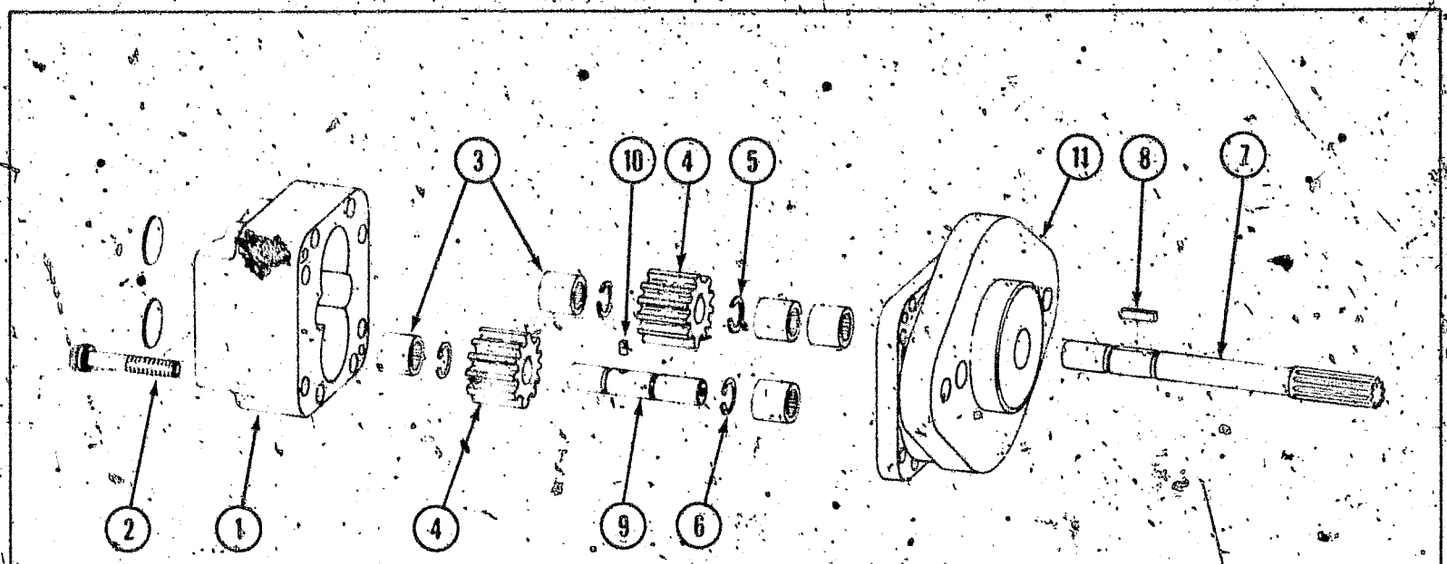
ITEM	PART NO.	QTY.	DESCRIPTION
15	70672498	1	RING
16	70672494	1	SPRING
17	70658188	8	PLATE, friction, outer
18	70658187	4	PLATE, friction, inner (.014" off flat)
	70657967	4	PLATE, friction, inner (flat)
19	73034873	1	RING, snap
20	70673721	1	PLATE
21	70658191	1	HUB
22	70672493	1	RING
23	70658196	4	WASHER
24	70658195	2	BEARING
25	70658197	2	BEARING
26	70658198	1	GEAR
27	70658199	1	SPACER (Transmission prior to serial No. 3B1482)
	70695622	1	SPACER ASSY. (Includes item 28)(Transmission serial No. 3B1482 and up)
28	73109039	1	PIN
29	70658200	1	SPACER
30	70681357	1	BEARING
31	70628509	1	RING, snap



COUNTER SHAFT

USAGE: See E-16

ITEM	PART NO.	QTY.	DESCRIPTION
1	70657448	1	RETAINER
	70916271	6	CAPSCREW, 3/8"NC x 1"
2	70664941	1	GASKET
3	70681357	1	BEARING
4	70657447	2	RING
5	70658172	1	GEAR
6	70672496	2	SPACER
7	70657491	1	SHAFT (tractors prior to unit #02044)
	70683623	1	SHAFT (tractors unit #02044 and up)
8	70657489	1	GEAR
9	70681629	1	BEARING (tractors prior to unit #02044)
	70683620	1	BEARING (tractors unit #02044 and up)

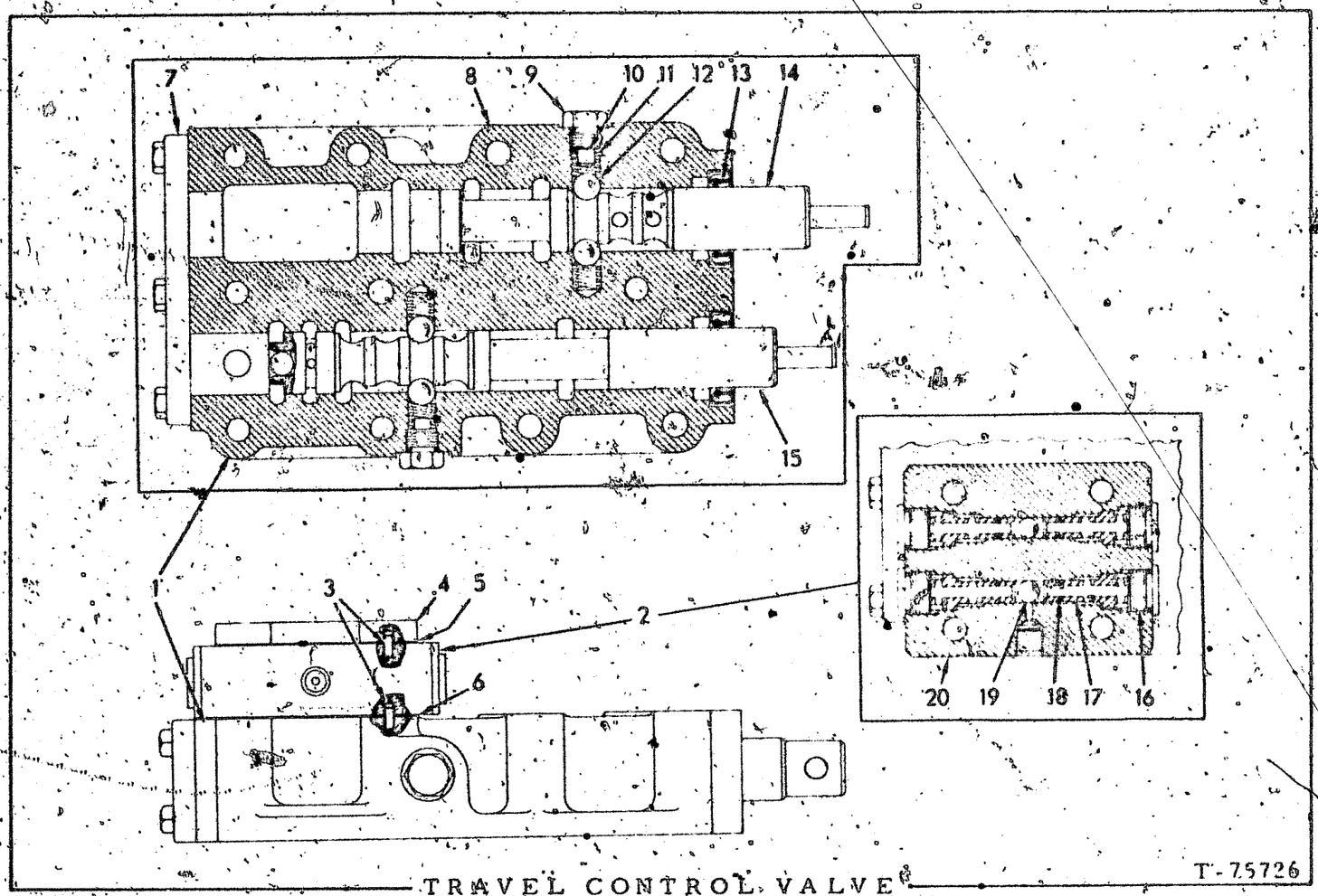


T-75522

SHIFT INHIBITING PUMP

USAGE: See F-5

ITEM	PART NO.	QTY.	DESCRIPTION
-	0669932	1	PUMP ASSY. (Includes items 1 thru 11)
1	-------	1	HOUSING (Not serviced separately)
	-------	2	PIN (Not serviced separately)
	0914590	2	PLUG
2	0923448	8	SCREW, 1/4"NC x 1-3/4"
	0904204	8	LOCKWASHER, 1/4"
3	4980021	5	BEARING
4	0670157	2	GEAR
5	3015050	2	RING
6	0099049	2	RING
7	0670159	1	SHAFT
8	0668482	1	KEY
9	0670158	1	SHAFT
10	0244554	1	PIN
11	-------	1	STATOR (Not serviced separately)



TRAVEL CONTROL VALVE

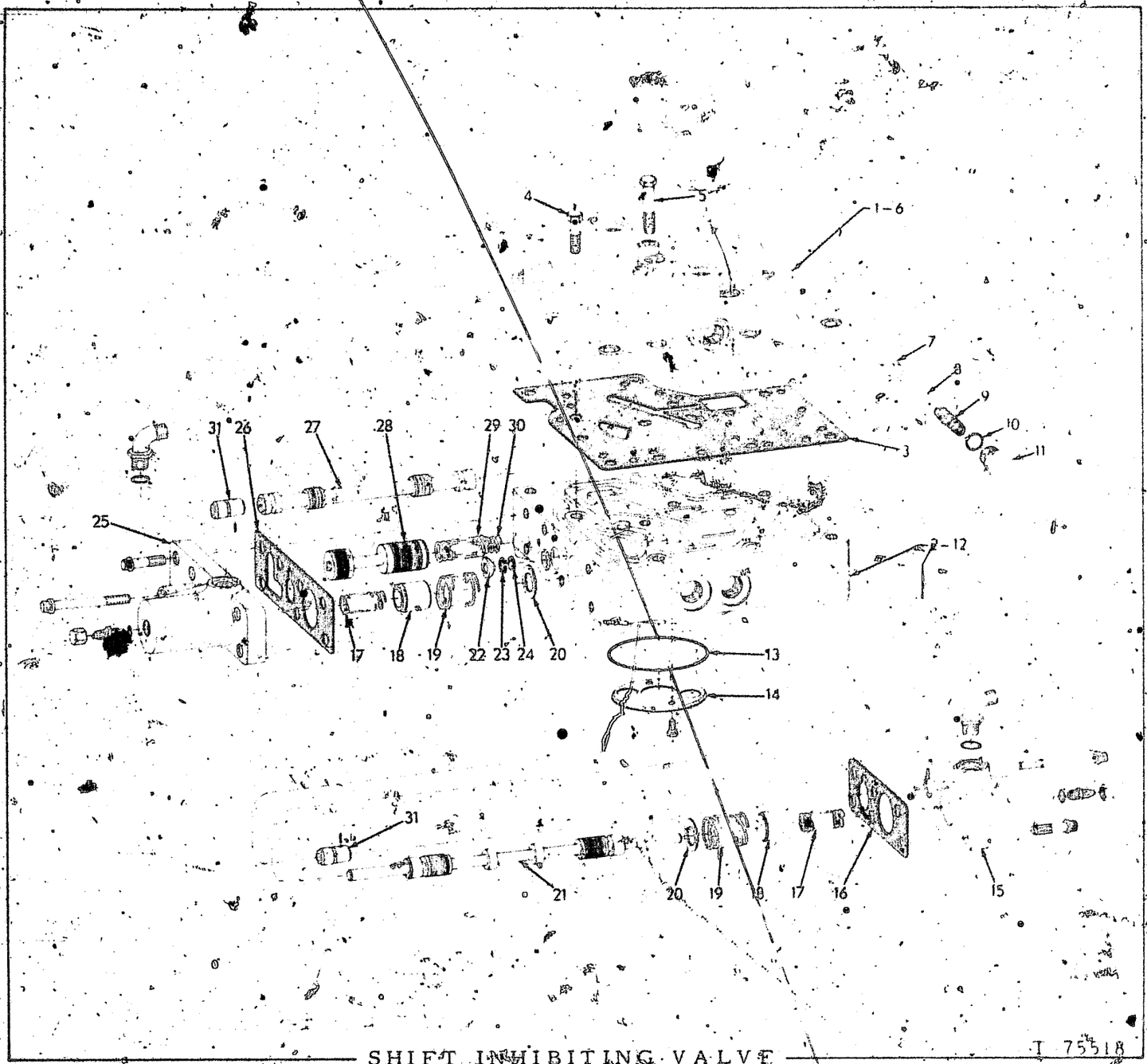
USAGE: See E-16

ITEM	PART NO.	QTY.	DESCRIPTION
-	70658132	1	VALVE ASSY. (Includes items 1 thru 6)
1	70673738	1	VALVE ASSY. (Includes items 7 thru 15)
2	70673739	1	VALVE ASSY. (Includes items 16 thru 20)
3	70919242	2	PIN
4	70673722	1	COVER
5	70665172	1	GASKET
6	70672464	1	GASKET
7	70673723	1	COVER
	70665164	1	GASKET
	70915813	6	CAPSCREW, 5/16"NC x 3/4"
8	------	1	BODY (Not serviced separately)
9	70673717	2	PLUG (Used prior to transmission S/N 3A6385)
	70693890	2	PLUG (Effective on transmission S/N 3A6385)
	70929457	2	O-RING
10	70921292	2	PIN (Used prior to transmission S/N 3A6385)

(Continued)

TRAVEL CONTROL VALVE (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
11	70668599	4	SPRING
12	70927463	4	BALL
13	73037744	2	SEAL
14	70673725	1	VALVE
15	70673724	1	VALVE ASSY. (Includes ball)
16	70927466	4	PLUG
	70980778	4	O-RING
17	70672484	4	SEAT
18	73037741	4	O-RING
19	70927462	2	BALL
20	- - - -	1	BODY (Not serviced separately)



SHIFT INHIBITING VALVE — I 75518

USAGE: See E-16

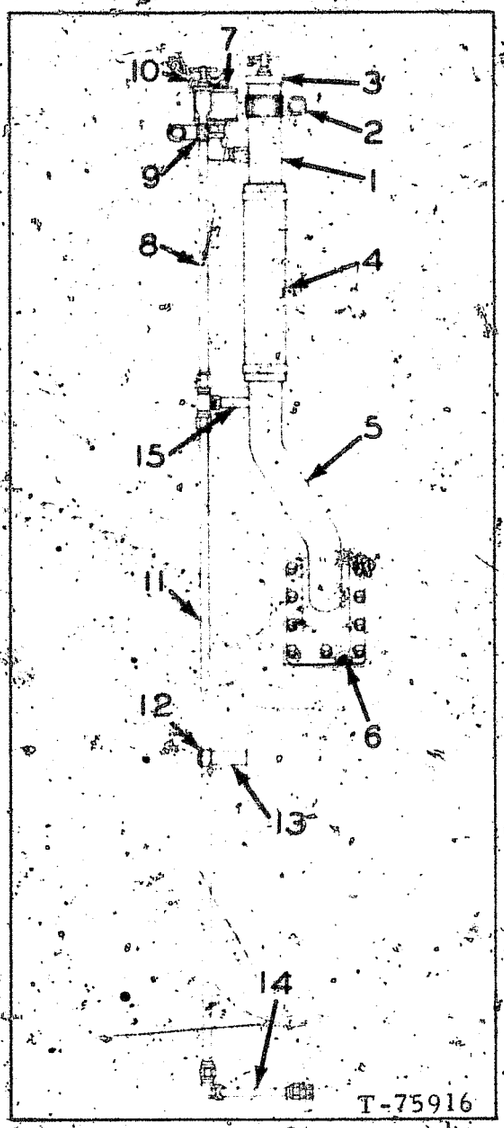
ITEM	PART NO.	QTY.	DESCRIPTION
-	70664980	1	VALVE ASSY. (Includes items 1 thru 5).
1	70673741	1	VALVE ASSY. (Includes items 6 thru 11)
2	70673740	1	VALVE ASSY. (Includes items 12 thru 31)
3	70672486	1	GASKET
4	70919224	6	CAPSCREW, 3/8" NC x 1-1/8"
5	70912069	2	CAPSCREW, 3/8" NC x 2-1/2"
6	-------	1	COVER (Not serviced separately)
	70917145	1	BALL

(Continued)

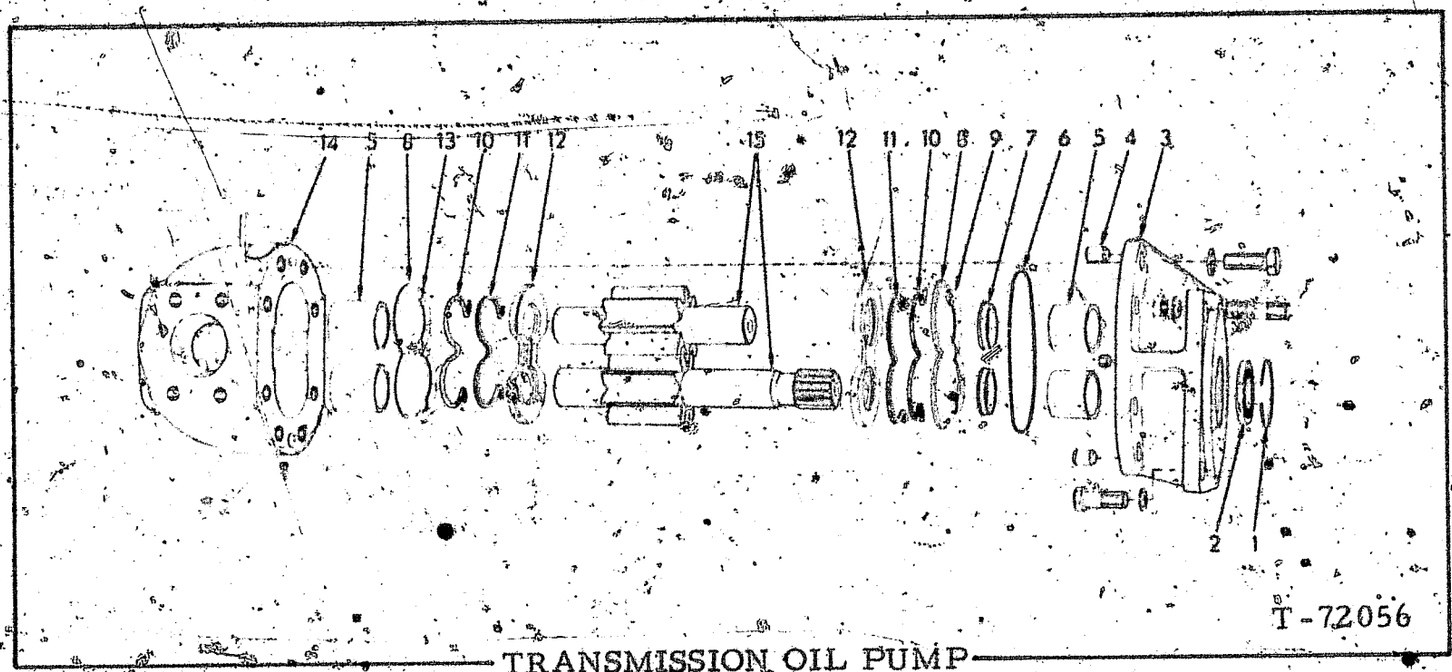
SHIFT INHIBITING VALVE (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	70672467	1	PISTON
8	70675677	1	PIN
9	70673719	1	SPRING
10	70929456	1	O-RING
11	70673728	1	PLUG
12		1	BODY (Not serviced separately)
13	70929442	1	O-RING
14	70664651	1	RETAINER
	70664650	2	CAPSCREW, #10 - 24NC x 3/8"
15	70677439	1	COVER
	70922820	4	CAPSCREW, 12-pt., 3/8"NC x 1-1/4"
	70927652	1	CAPSCREW, 12-pt., 3/8"NC x 3-3/4"
	70927424	1	CONNECTOR, flare type, 1/4" tube, 7/16" straight thd.
	70921467	1	CAP, flare fitting, 1/4" tube
	70929450	1	O-RING
16	70677438	1	GASKET
17	70689269	2	SPRING
18	70664655	2	PISTON
19	70669454	2	SPRING
20	70681291	2	WASHER (Prior to Valve serial No. 395677)
	70690873	2	RETAINER (Valve serial No. 395677 and up)
21	70664664	1	PISTON
	70918547	2	PIN, spring
22	70657463	1	VALVE
23	70662919	1	RING
24	70639939	1	FILTER
25	70677440	1	COVER
	70922820	5	CAPSCREW, 12 pt., 3/8"NC x 1-1/4"
	70927652	1	CAPSCREW, 12 pt., 3/8"NC x 3-3/4"
	70927424	1	CONNECTOR, flare type, 1/4" tube, 7/16" straight thd.
	70921467	1	CAP, flare fitting, 1/4" tube
	70929450	1	O-RING
26	70677437	1	GASKET
27	70680376	1	PISTON ASSY. (Includes plug)
28	70667640	1	PISTON
29	70667637	1	SPRING, outer
30	70664652	1	SPRING, inner
31	70679525	2	PISTON
32	70925983	2	ELBOW
	70929457	2	O-RING

TRANSMISSION OIL FILLER AND DIPSTICK



ITEM	PART NO.	QTY.	DESCRIPTION
1	70671086	1	TUBE
2	70927313	1	CLAMP
	70922306	1	CAPSCREW, 3/8"NC x 3/4"
	70677008	1	WASHER, plain
3	70665305	1	CLOSURE
4	70652988	1	HOSE
	70921913	2	CLAMP
5	70652986	1	FILLER
	70921076	10	CAPSCREW, 3/8"NC x 1-1/4"
	70910287	10	LOCKWASHER, 3/8"
6	70627346	1	GASKET
7	70679375	1	BREATHER ASSY. (Serviced only as a unit)
	70919824	1	ELBOW, street, 90°, 3/4"NPT to 1/2"NPT
8	70652983	1	TUBE
9	70632755	1	CLIP
	70921175	1	CAPSCREW, 1/2"NC x 1"
	70677008	1	WASHER, plain
10	70652985	1	GAUGE
11	70675525	1	TUBE
12	70926707	1	CLAMP
	70927180	1	CAPSCREW, 1/2"NC x 5-1/4"
	70677008	1	WASHER, plain
13	70611186	1	SPACER
14	70682109	1	TUBE
	70919063	1	CONNECTOR, flare type, 1/2" tube, 3/8" NPT male
	70921364	1	ELBOW, union, flare type, 1/2" tube
15	70675524	1	TUBE
	70919128	1	CONNECTOR, flare type, 1/2" tube, 1/2"NPT male
	70921472	1	TEE, union, flare type, 1/2" tube



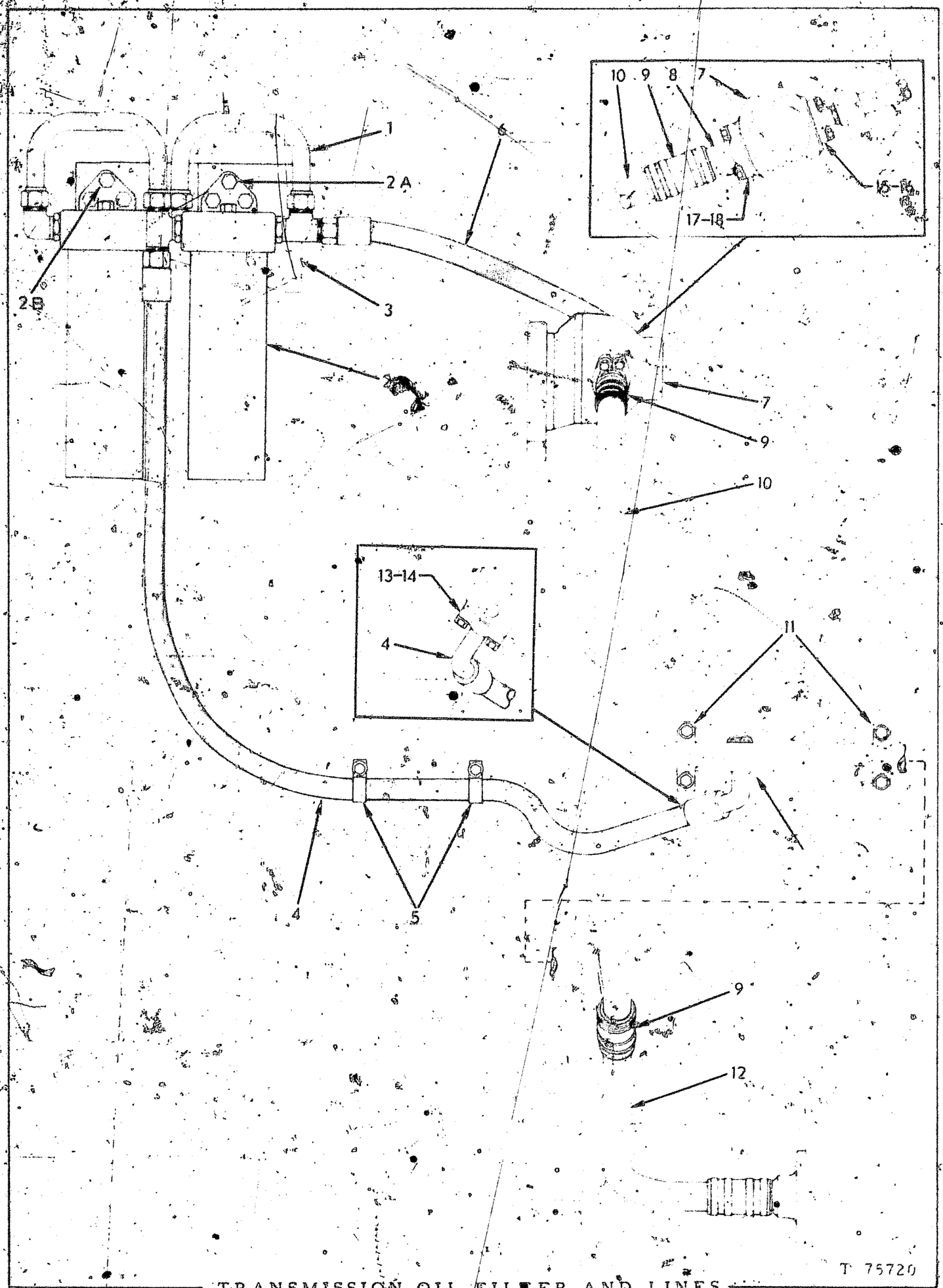
TRANSMISSION OIL PUMP

USAGE: See F-23

ITEM	PART NO.	QTY.		DESCRIPTION
-	70652966	1		PUMP ASSY. (Includes items 1 thru 15)
	70920583	2		CAPSCREW, 1/2"NC x 1-1/2"
	70604241	2		STUD
	70912441	4		LOCKWASHER, 1/2"
	70911035	2		NUT, 1/2"NF
1	70194166	1		RING
2	70194165	1	□	SEAL
3	70651102	1		FLANGE ASSY. (Includes bushings and PLUG indented below)
	73064572	1		PLUG, pipe, hex-socket, 1/8"NPT
	70920582	8		CAPSCREW, 1/2"NC x 1-1/4"
	70651109	8		WASHER, plain
4	70194132	2		PIN
5	70656741	4		BUSHING
6	70925655	1	□	O-RING
7	70664694	2		RING
8	70665099	2		RETAINER
9	70665098	1		PLATE
10	70665097	2	□	RING
11	70665096	2	□	RING
12	70658241	2		PLATE
13	70665095	1		PLATE
14	70651099	1		BODY ASSY. (Includes bushings)
15	70660429	1		GEAR KIT (Consists of 2 matched gears)
16	73113426	1		SEAL KIT (Includes items 2, 6, 10, 11)

□ Components of item 16

(Revised August 1980)



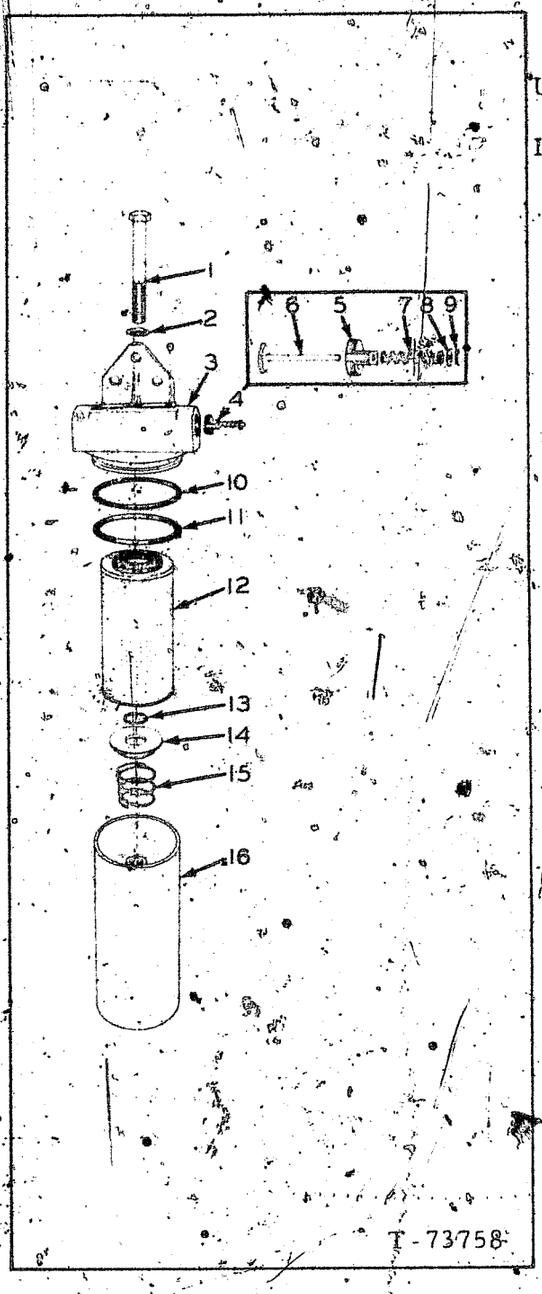
TRANSMISSION OIL FILTER AND LINES

TRANSMISSION OIL FILTER AND LINES

ITEM	PART NO.	QTY.	DESCRIPTION
1	70676128	2	TUBE
	70923713	2	ELBOW, adjustable, 90°, flare type, 1-1/4" tube, 1-5/8" straight thread (Includes washer, nut and O-RING)
	770921235	2	O-RING
2	70669503	2	FILTER ASSY. (See F-24)
2A	70920583	3	CAPSCREW, 1/2"NC x 1-1/2"
	70912441	3	LOCKWASHER, 1/2"
2B	70920583	3	CAPSCREW, 1/2"NC x 1-1/2"
	70677008	3	WASHER, plain
	70911028	3	NUT, 1/2"NC
3	70664183	1	BRACKET
	70922475	3	CAPSCREW, 3/4"NC x 1-1/2"
	70914726	3	LOCKWASHER, 3/4"
4	70653551	1	HOSE (See HOSE PARTS)
	70922553	1	TEE, branch, adjustable, flare type, 1-1/4" tube, 1-5/8" straight-thd. (Includes washer, nut and O-RING)
	70921235	1	O-RING
5	70927312	2	CLIP
	70920582	2	CAPSCREW, 1/2"NC x 1-1/4"
	70928178	2	WASHER, plain
6	70652942	1	HOSE (See HOSE PARTS)
	70925327	1	TEE, run, adjustable, flare type, 1-1/4" tube, 1-5/8" straight-thd. (Includes washer, nut and O-RING)
	70921235	1	O-RING
7	-------	1	PUMP ASSY. (See F-21)
8	70652931	1	STEM
9	70623234	3	HOSE
	70927308	12	CLAMP
10	70653296	1	TUBE
11	70657514	4	CLIP
	70927353	4	CAPSCREW, 1/2"NF x 1-1/4"
	70677008	4	WASHER, plain
12	70673617	1	TUBE
13	70921118	2	FLANGE
	70920583	4	CAPSCREW, 1/2"NC x 1-1/2"
	70912441	4	LOCKWASHER, 1/2"
14	70923578	1	O-RING
15	70921117	2	FLANGE
	70925193	4	CAPSCREW, 7/16"NC x 1-3/8"
	70914678	4	LOCKWASHER, 7/16"
16	70923664	1	O-RING
17	70921558	2	FLANGE
	70920583	4	CAPSCREW, 1/2"NC x 1-1/2"
	70912441	4	LOCKWASHER, 1/2"
18	70923814	1	O-RING

OIL FILTER ASSEMBLY, 6[illegible]

USAGE: See F-23 and H-5



ITEM	PART NO.	QTY.	DESCRIPTION
1	70923438	1	CAPSCREW, 3/4 NF x [illegible]
2	74254971	1	WASHER
3	70671614	1	HEAD
	70901652	2	PLUG, pipe, 1/4 NPT
4	70671498	1	VALVE ASSY. (Includes items 5 thru 9)
5	------	1	HOUSING
6	------	1	VALVE
7	70671613	1	SPRING
8	70671499	1	WASHER
9	70900970	1	PIN, cotter, 1/16 x 1/2
10	70646532	1	RING
11	70671617	1	O-RING
12	70669434	1	ELEMENT KIT (Includes items 2, 10 and 11)
13	70671616	1	O-RING
14	70641031	1	PLATE
15	70674798	1	SPRING
16	70671497	1	TANK

FOR NEW PART NUMBERS INTRODUCED ON THIS FICHE ISSUANCE SEE GRID L-1, L-2

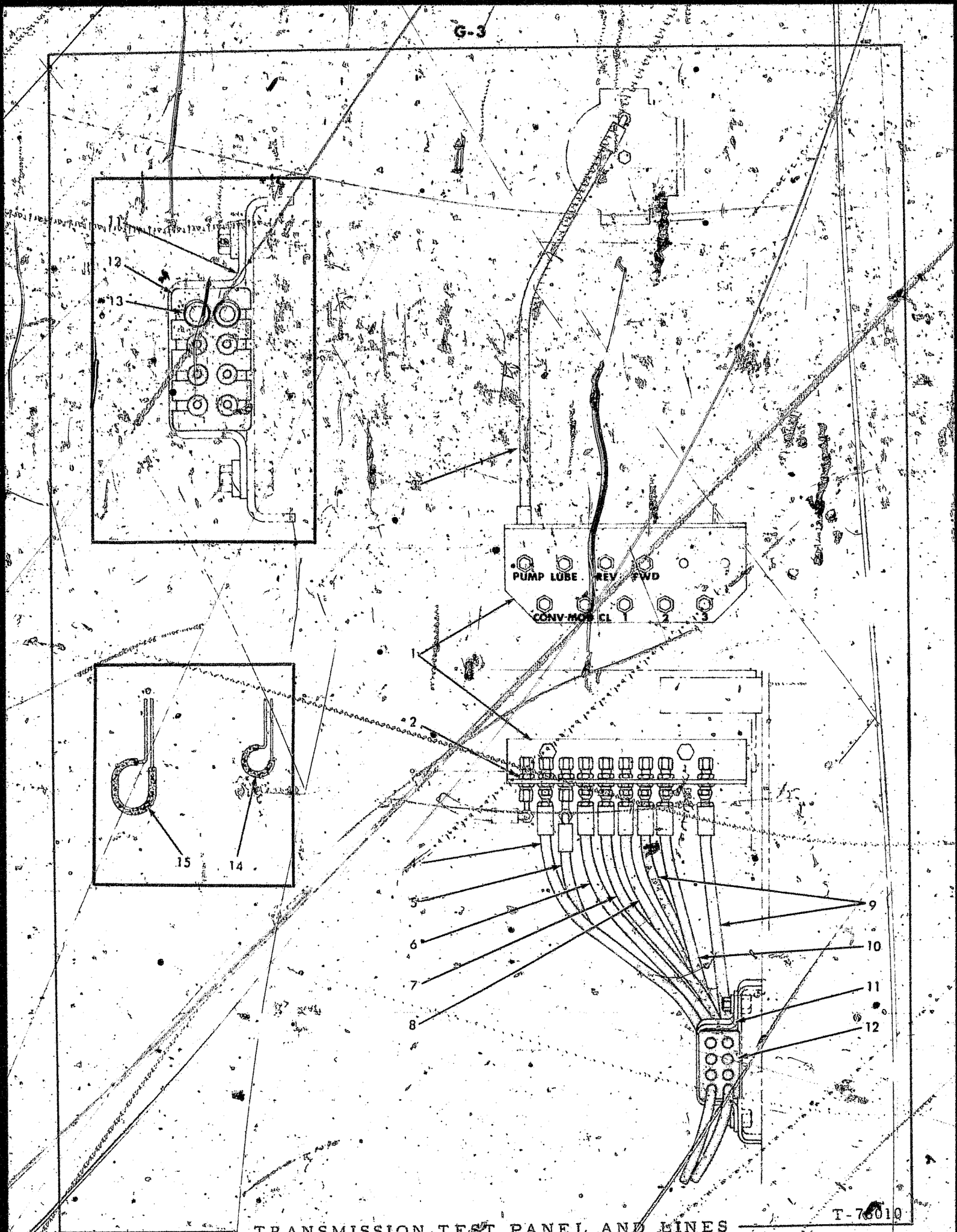
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FOR NEW PART NUMBERS INTRODUCED ON THIS FICHE ISSUANCE SEE GRID L-1, L-2

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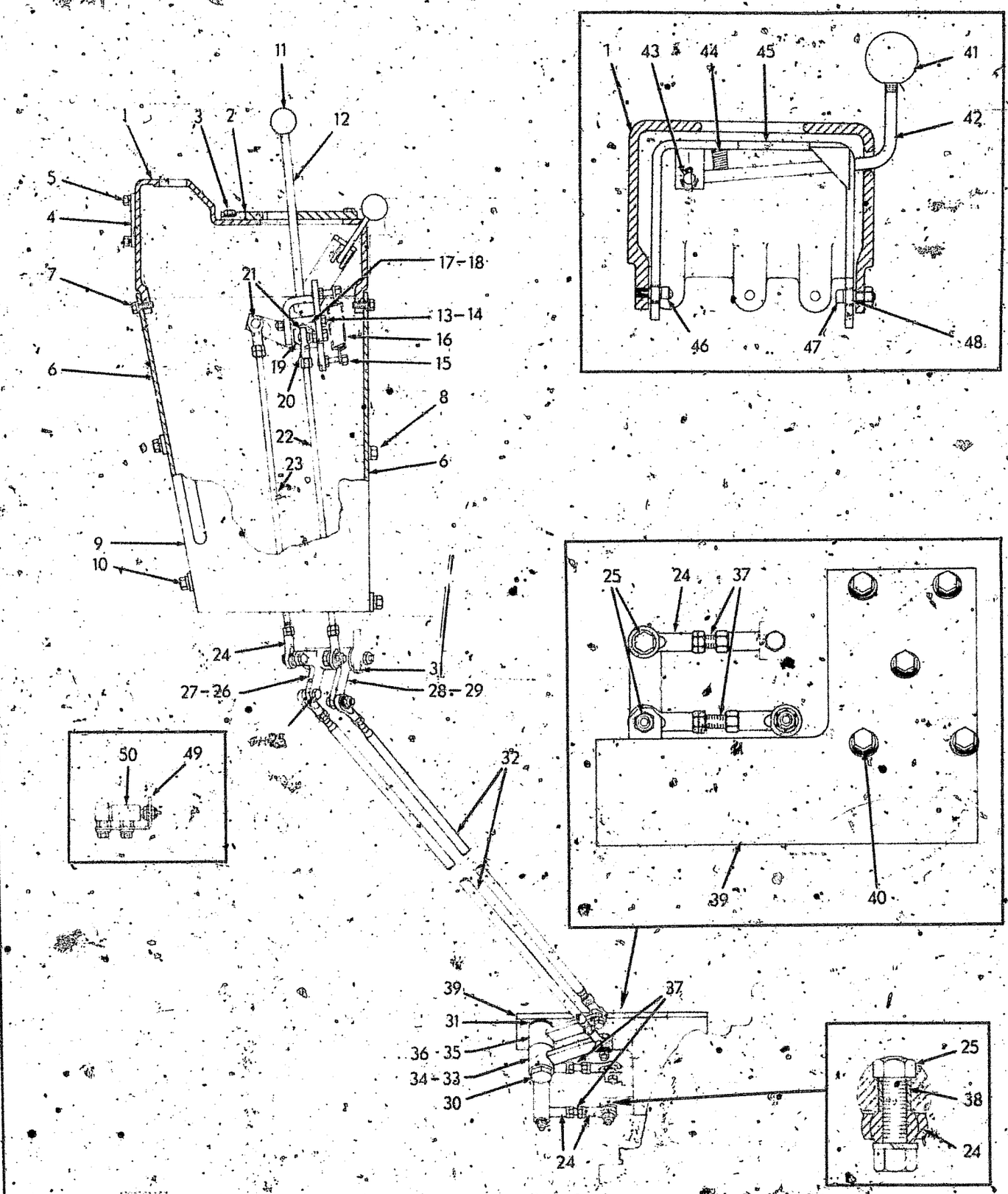
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Speed Control Linkage	1 G-5
Starter	2 B-12
Steering Clutches	1 G-22
Steering Control Lines & Filter	1 H-3
Steering Control Valve	1 H-7
Steering Control Valve Lines	1 H-5
Steering Levers & Linkage	1 H-11
Steering Pump	1 H-9
Steering Pump Gear Box & Lines	1 H-13
Steering Suction Line Filter	1 H-10
Tool Box	2 B-11
Torque Converter & Lines	1 D-19
Parts	1 E-3
Track	1 J-9
Track Carrier Roller	1 I-22
Track Frame	1 I-16
Track Idler	1 J-3
Track Release	1 K-10; 1 J-5
Track Rollers	1 I-18
Track Roller Guards	1 I-20
Transmission	
Assembly	1 E-15
Counter Shaft	1 F-14
Housing & Cover	1 E-10
Internal Tubing	1 E-22
Shaft, Bevel Pinion	1 F-5
Shaft, Drive	1 E-14
Shaft, 1st & 2nd Range	1 F-7
Shaft, Forward & Reverse	1 E-23
Shaft, 3rd Range	1 E-11
Transmission Guards	1 I-14
Transmission Oil Filler & Dipstick	1 F-20
Transmission Oil Filter & Lines	1 F-22
Transmission Oil Pump	1 F-21
Transmission Test Panel & Lines	1 G-3
Travel Control Valve	1 F-16
Undercarriage Measuring Kit	1 J-9
Valves	
Brake	1 H-20
Dozer Control	2 E-15
Dozer Tilt Control	2 E-15
Relief	2 E-21
Ripper Control	2 E-15
Safety Brake	1 I-7
Shift Inhibiting	1 F-18
Steering Control	1 H-7
Torque Converter Pressure Regulating	1 E-11
Travel Control (Transmission)	1 F-16
Valve Controls	
Dozer	2 D-14
Ripper	2 F-19
Tilt	2 D-14
Vandalism Prevention Parts	2 C-7



TRANSMISSION TEST PANEL AND LINES T-76010

TRANSMISSION TEST PANEL AND LINES

ITEM	PART NO.	QTY.	DESCRIPTION
1	70659143	1	ANGLE
	70920582	2	CAPSCREW, 1/2" NC x 1-1/4"
	70912441	2	LOCKWASHER, 1/2"
2	70659365	9	UNION
	70910876	9	NUT, jam, 7/16" NF
	70921467	9	CAP, flare type, 1/4" tube
3	70670763	1	HOSE, pump panel connection (See HOSE PARTS)
	70922521	1	TEE, swivel, flare type, 1/4" tube, 7/16" straight thread, female
	70919140	1	CONNECTOR, flare type, 1/4" tube, 1/4 NPT male
4	70671788	1	HOSE, converter panel connection (See HOSE PARTS)
5	70670768	1	HOSE, lube panel connection (See HOSE PARTS)
	70922521	1	TEE, swivel, flare type, 1/4" tube, 7/16" straight thread, female
6	70670766	1	HOSE, mod. clutch panel connection (See HOSE PARTS)
7	70670764	1	HOSE, reverse panel connection (See HOSE PARTS)
8	70670765	1	HOSE, panel connection 1 (See HOSE PARTS)
9	70673591	2	HOSE, forward panel connection and panel connection 3 (See HOSE PARTS)
10	70670767	1	HOSE, panel connection 2 (See HOSE PARTS)
11	70673083	3	BRACKET
	70921076	6	CAPSCREW, 3/8" NC x 1-1/4"
	70044973	6	WASHER, plain
12	70673071	3	BLOCK
13	70673085	4	TUBE
14	70927177	1	CLIP
	70925870	1	CAPSCREW, 3/8" NC x 4-1/2"
	70620544	2	WASHER, plain
15	70927445	5	CLIP
	70922300	2	CAPSCREW, 3/8" NC x 3/4"
	70922262	2	CAPSCREW, 3/8" NC x 7/8"
	70044973	4	WASHER, plain
	70923192	1	CAPSCREW, 7/16" NC x 1-1/2"
	70074790	1	WASHER, plain



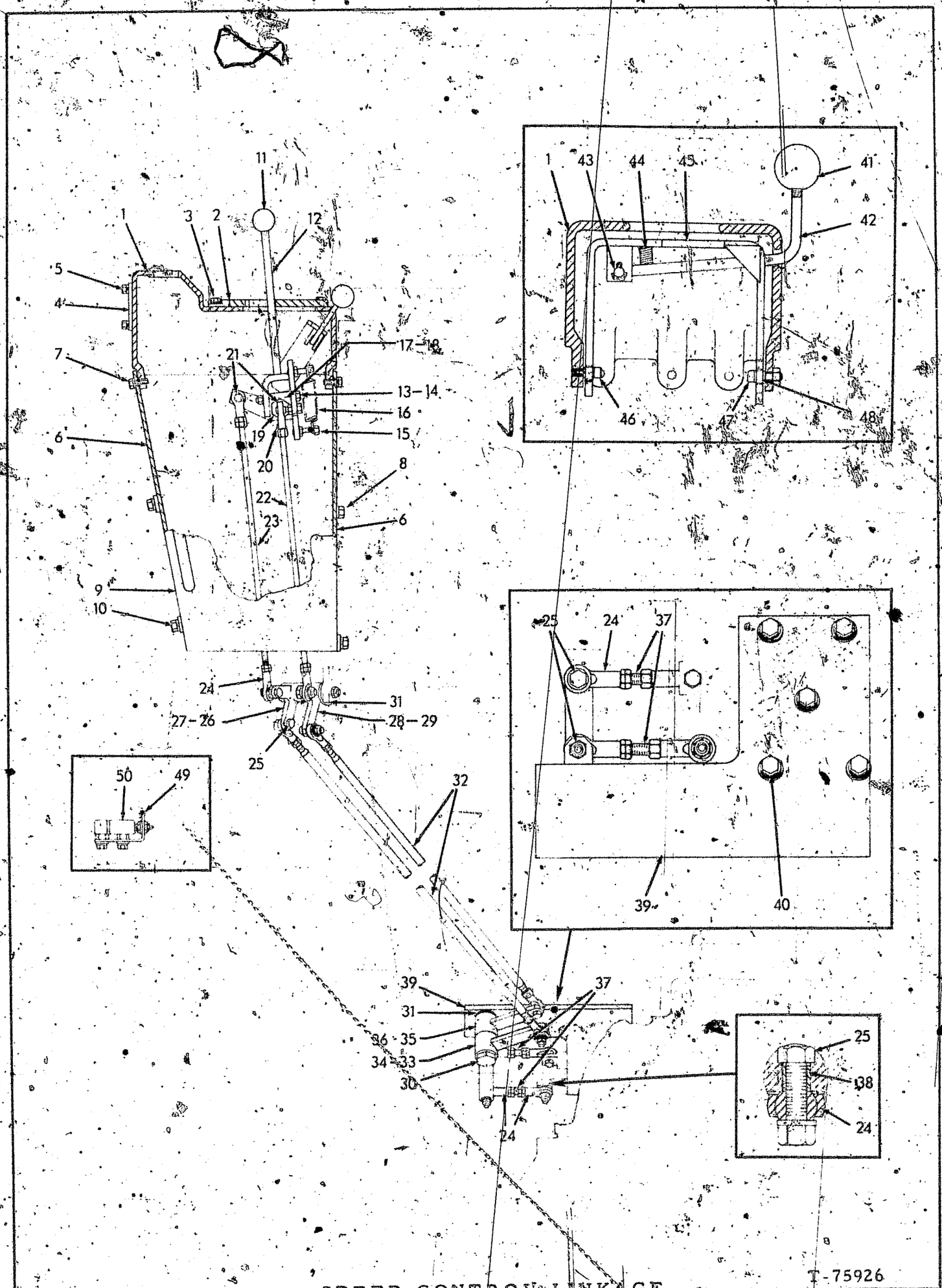
SPEED CONTROL LINKAGE

T-75926

SPEED CONTROL LINKAGE

ITEM	PART NO.	QTY.	DESCRIPTION
1	70653000	1	GUIDE
2	70664074	1	GUIDE
3	70922300	4	CAPSCREW, 3/8"NC x 3/4"
	70910287	4	LOCKWASHER, 3/8"
4	70671451	1	PLATE
5	70928138	4	CAPSCREW, 1/4"NC x 5/8"
	70910285	4	LOCKWASHER, 1/4"
6	70671455	1	PLATE
7	70922763	6	CAPSCREW, 3/8"NC x 1"
	70677006	5	WASHER, plain
	70683421	1	WASHER, plain
8	70920582	2	CAPSCREW, 1/2"NC x 1-1/4"
	70677008	6	WASHER, plain
9	70669311	1	COVER
10	70920583	4	CAPSCREW, 1/2"NC x 1-1/2"
	70677008	4	WASHER, plain
	70047063	1	WASHER, plain
11	70629709	1	KNOB
12	70664125	1	LEVER ASSY. (Includes item 14)
13	70683659	1	CAPSCREW, 3/8"NC x 3"
	70910287	1	LOCKWASHER, 3/8"
	70903416	1	NUT, slotted, 3/8"NC
	70900802	1	PIN, cotter, 3/32" x 1"
14	70650712	2	BEARING
15	70921565	2	CAPSCREW
	70911034	2	NUT, jam, 3/8"NC
16	70640637	1	SPRING
17	70663600	1	LEVER ASSY. (Includes item 18)
18	70653319	2	BEARING
19	70664099	1	BOLT
	70928188	1	WASHER, plain
20	70913679	1	SETSCREW
21	70653570	2	ROD END
	70910287	2	LOCKWASHER, 3/8"
	70911041	2	NUT, 3/8"NF
22	70653007	1	ROD
	70911048	2	NUT, jam, 3/8"NF
23	70653008	1	ROD
	70911048	2	NUT, jam, 3/8"NF
24	70688127	10	ROD END
25	70683653	10	CAPSCREW, 3/8"NC x 1-1/2"
	70922465	10	WASHER, plain
	70930416	10	NUT, slotted, 3/8"NC
	70900802	10	PIN, cotter, 3/32" x 1"
26	70653018	1	BELLCRANK ASSY. (Includes item 27)

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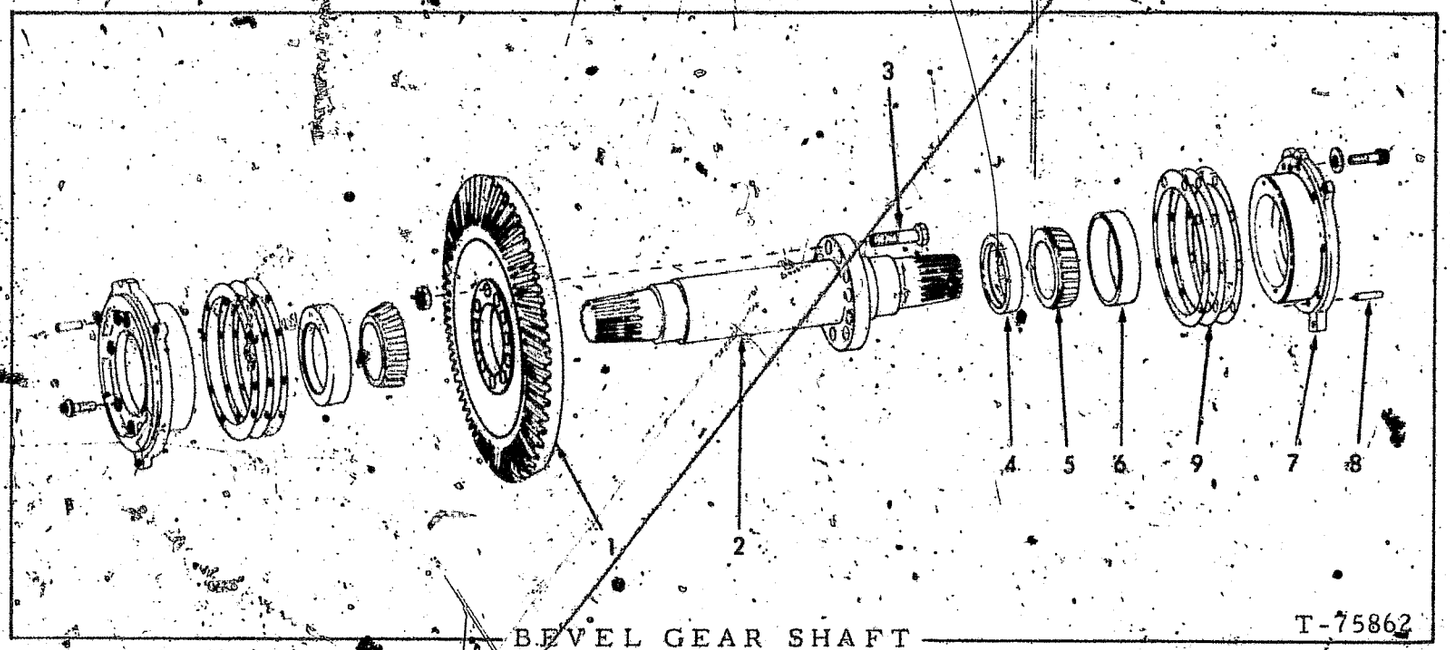


SPEED CONTROL LINKAGE

T-75926

SPEED CONTROL LINKAGE (Continued)

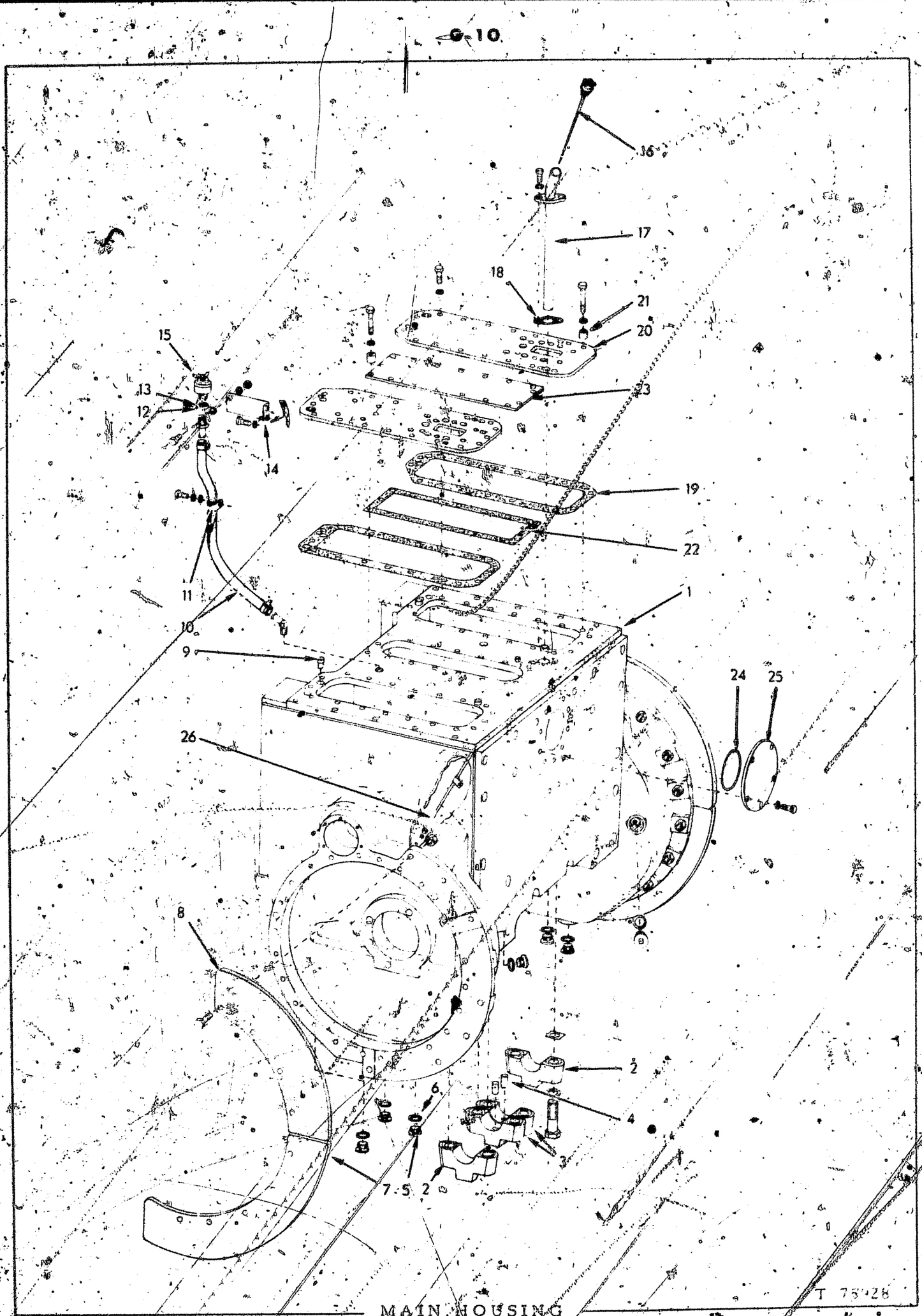
ITEM	PART NO.	QTY.	DESCRIPTION
27	70653319	2	BEARING
28	70653019	1	BELLCRANK ASSY. (Includes item 29)
29	70653319	2	BEARING
30	70683650	2	BOLT
	70915972		NUT, slotted, 1/2" NC
	70900808	2	PIN, cotter, 1/8" x 1-1/2"
31	70682358	2	WASHER
32	70653025	2	ROD
	70911048	4	NUT, jam, 3/8" NF
33	70653021	1	BELLCRANK ASSY. (Includes item 34)
34	70653319	2	BEARING
35	70653020	1	BELLCRANK ASSY. (Includes item 36)
36	70653319	2	BEARING
37	70653026	2	STUD
	70911048	4	NUT, jam, 3/8" NF
38	70624584	2	BUSHING
39	70653015	1	PLATE
40	70925870	5	CAPSCREW, 3/8" NC x 3-1/4"
	70677006	5	WASHER, plain
41	70632038	1	KNOB
42	70653010	1	LEVER
43	70078810	1	PIN
	70900801	1	PIN, cotter, 3/32" x 3/4"
44	70042911	1	SPRING
45	70653030	1	BRACKET ASSY. (Includes item 48)
46	70652995	1	CAPSCREW
47	70652996	1	CAPSCREW
	70911024	1	NUT, 1/4" NC
48	70653031	2	BEARING
49	70653568	1	BRACKET
	70921076	2	CAPSCREW, 3/8" NC x 1-1/4"
	70677006	2	WASHER, plain
50	70631844	1	SWITCH



T-75862

BEVEL GEAR SHAFT

ITEM	PART NO.	QTY.	DESCRIPTION	
1	---------	1	GEAR (See BEVEL PINION SHAFT)	
2	70095195	1	SHAFT (Tractors prior to unit #01701. Order SHAFT 0681561-7, 2 WASHER 0681560-9, 2 LOCK 0681558-3, 4 CAPSCREW 0928506-5 and 2 LOCKWIRE 0023633-1)	
	70681561	1	SHAFT (Tractor unit #01701 and up)	
3	70096518	12	CAPSCREW	
	70917777	12	NUT; elastic stop, 1"NF	
4	70095844	1	RING	
5	70605337	2	CONE ASSY., shaft bearing	
6	70605336	2	CUP, shaft bearing	
7	70095834	2	CAGE ASSY. (Includes item 8)(Tractors prior to unit #02954)	
	70691569	2	CAGE ASSY. (Includes item 8)(Tractors unit #02954 and up)	
	70927145	16	SCREW, 12-pt., 5/8"NC x 2"	
	70927381	16	WASHER, plain	
8	70052459	4	PIN, bearing cage	
9	70638196	12	SHIM, bearing adjustment (.005" thick)	Use as required
	70638197	10	SHIM, bearing adjustment (.007" thick)	
	70638198	4	SHIM, bearing adjustment (.030" thick)	



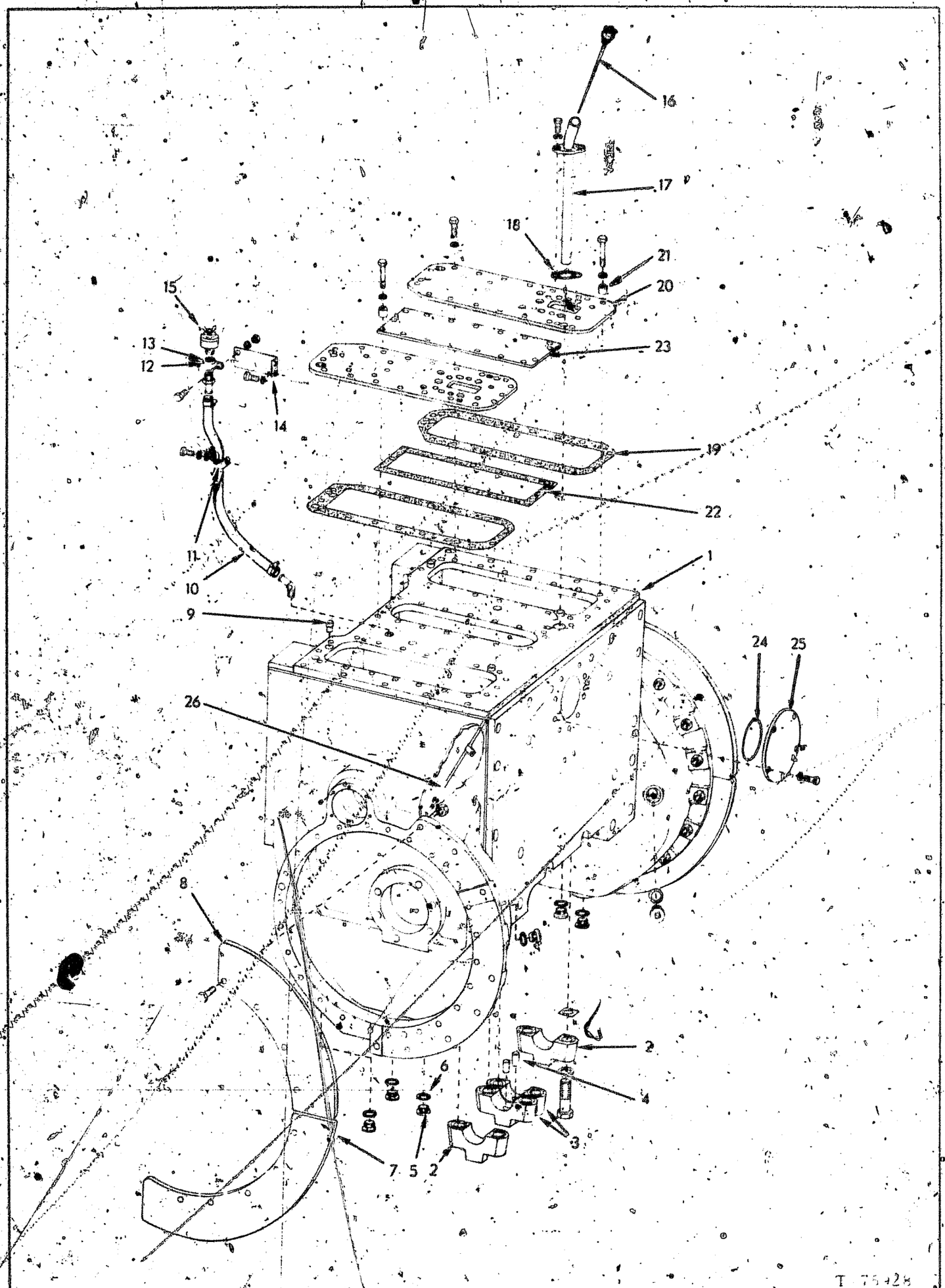
MAIN HOUSING

T 75-28

MAIN HOUSING

ITEM	PART NO.	QTY.	DESCRIPTION
1	70663875	1	HOUSING ASSY. (Includes items 2 and 3)
	70918850	10	PLUG, pipe, 1/4" NPT
2	70664205	2	CAP, outer
	70927367	4	CAPSCREW, 1-1/2" NF x 5-1/2"
	70912603	4	LOCKWASHER, 1-1/2"
3	70664314	2	CAP, inner (Includes item 4)
	70927367	4	CAPSCREW, 1-1/2" NF x 5-1/2"
	70912603	4	LOCKWASHER, 1-1/2"
4	70664311	2	PIN
5	70035250	3	PLUG
	70638256	4	PLUG, drain (magnetic)
6	70667252	7	GASKET
7	70634299	2	GUARD (Standard)
	70686087	2	GUARD (Special. Used on tractors with heavy duty tracks)
	70923137	10	CAPSCREW, 3/4" NF x 3"
	70012767	10	NUT, 3/4" NF
8	70664933	2	GUARD (Standard)
	70686117	2	GUARD (Special. Used on tractors with heavy duty tracks)
	70923137	8	CAPSCREW, 3/4" NF x 3" } 2 more used on tractors
	70012767	8	NUT, 3/4" NF } with heavy duty tracks
9	70643740	4	PIN
10	70670679	1	HOSE
	70926912	1	NIPPLE, straight, 3/4" NPT male end
	70927476	1	NIPPLE, 45°, 3/4" NPT male end
	70924911	2	CLAMP, hose, 11/16" to 1-1/4" diam.
11	70927388	1	CLIP
	70921175	1	CAPSCREW, 1/2" NC x 1"
	70677008	1	WASHER, plain
12	70927389	1	CLIP
	70921175	1	CAPSCREW, 1/2" NC x 1"
	70904208	1	LOCKWASHER, 1/2"
	70911028	1	NUT, 1/2" NC
13	70901767	1	COUPLING, pipe, 3/4" NPT
14	70670680	1	ANGLE
	70927219	2	CAPSCREW, 1/2" NC x 3/4"
	70912441	2	LOCKWASHER, 1/2"
15	70679375	1	BREATHER ASSY. (Serviced only as a unit)
	70919824	1	ELBOW, street, 90°, 3/4" NPT to 1/2" NPT
16	70679518	1	GAUGE
17	70670710	1	TUBE
	70920582	2	CAPSCREW, 1/2" NC x 1-1/4"
	70912441	2	LOCKWASHER, 1/2"
18	70632[illegible]	1	GASKET
19	70635002	2	GASKET

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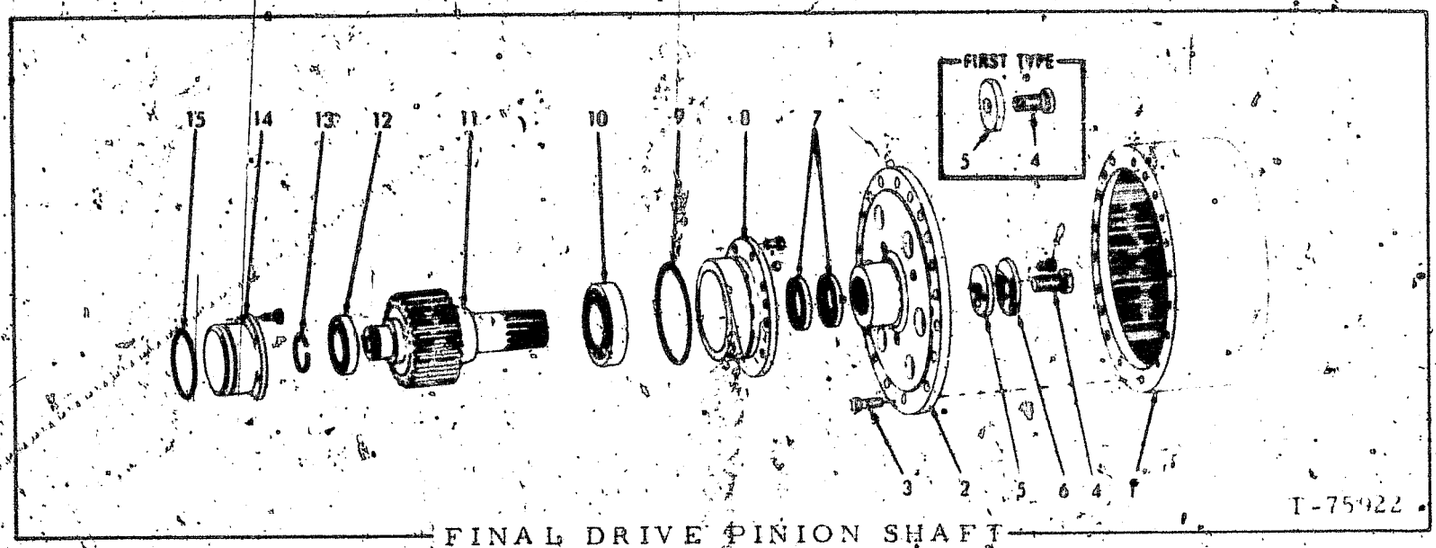


MAIN HOUSING

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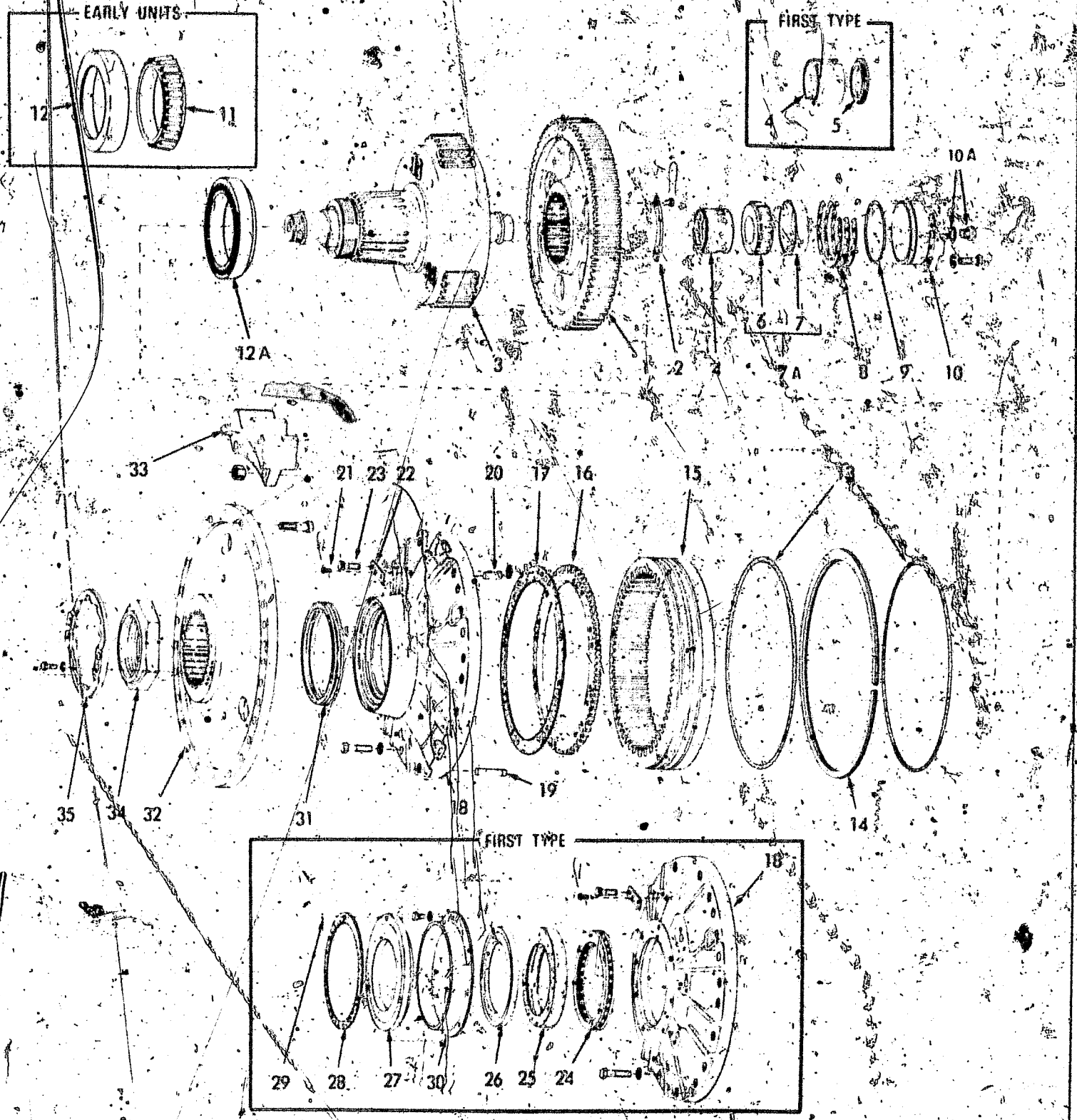
MAIN HOUSING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
20	70665001	2	PLATE	
	70920585	2	CAPSCREW, 1/2"NC x 1-3/4"	
	70922510	31	CAPSCREW, 1/2"NC x 2-3/4"	
	70677008	33	WASHER, plain	
21	70007413	44	BLOCK	
22	70653393	1	GASKET	
23	70675521	1	PLATE	
	70922510	13	CAPSCREW, 1/2"NC x 1-1/2"	
	70677008	13	WASHER, plain	
24	70923955	1	O-RING	
25	70665808	1	COVER	
	70921411	5	CAPSCREW, 5/8"NC x 1-1/2"	2 less used on units equipped with ripper
	70912942	5	LOCKWASHER, 5/8"	
26	70670689	1	TUBE ASSY., left (Includes nut)	
	70670690	1	TUBE ASSY., right (Includes nut)	
	70919173	2	ELBOW, flare type, 1/4" tube, 1/8"NPT male	
	70670677	6	CLIP, tube supporting	
	70927400	6	CAPSCREW, 3/8"NC x 5/8"	
	70677006	6	WASHER, plain	



FINAL DRIVE PINION SHAFT

ITEM	PART NO.	QTY.	DESCRIPTION
1	70095095	2	DRUM
2	70634182	2	HUB
3	70662694	36	CAPSCREW, 5/8" NC x 1-5/8"
4	70673521	2	CAPSCREW, Nylok, 1-1/4"NF x 2-1/2" (Tractors prior to unit #01701)
	70681543	2	CAPSCREW, 1-1/4" x 2-1/2" (Tractors unit #01701 and up)
5	70638054	2	WASHER (4-1/4" O.D.)(Tractors prior to unit #01473)
	70673522	2	WASHER (3-3/4" O.D. (Tractors unit #01473 thru #01700)
	70681541	2	WASHER ASSY. (Includes pin)(Tractors unit #01701 and up)
6	70681539	2	LOCK
	70928506	4	CAPSCREW, drilled-hd., 3/8" NC x 5/8" } Tractors unit
	70023633	2	WIRE, locking, 1/16" x 12" } #01701 and up
	70682085	2	LOCK
	70927474	4	CAPSCREW, 1/2" NC x 1-1/4" } Special service parts
	70677008	4	WASHER, plain } for tractors prior to
	70023756	2	WIRE, locking } unit #01701
7	70677737	4	SEAL
8	70652490	2	CAGE
	70907070	6	PLUG, pipe, ctsk-hd., 1/4" NPT
	70665896	16	CAPSCREW, Nylok, 5/8" NC x 1-3/8"
9	70924143	2	O-RING
10	70682579	2	BEARING ASSY. (Includes Race)(Serviced only as a unit)
11	70663603	2	PINION (23 teeth)(Tractors prior to unit #01701. Order 1 PINION 70681542, 1 WASHER 70681541, 1 LOCK 70681539, 2 CAPSCREW 70928506 and 1 LOCKWIRE 70023633)
	70681542	2	PINION (23 teeth)(Tractors unit #01701 thru #02942)
	70691466	2	PINION (23 teeth)(Tractors unit #02943 and up)
12	70684710	2	BEARING ASSY. (Includes Race)(Serviced only as a unit)
13	70624783	2	RING, snap (Tractor unit #02943 and up)
14	70663515	2	CAGE (Tractors prior to unit #02943)
	70691465	2	CAGE (Tractor unit #02943 and up)
	70665895	10	CAPSCREW, Nylok, 3/8" NC x 1-1/4"
15	70923825	2	O-RING



FINAL DRIVE SPROCKET, SHAFT AND GEAR T-78491

ITEM	PART NO.	QTY.	DESCRIPTION
1	70663599	2	ΔGEAR, driving (91 teeth)
2	70652465	6	ΔLOCK
	70928962	12	ΔCAPSCREW, drilled-hd:, 3/8"NF x 7/8"
	70037000	8	WIRE, locking, 1/16"x 16"
3	----------	2	CARRIER ASSY. (See G-19)
4	70652469	2	ΔSPACER (Tractors prior to unit #02847)
	70684393	2	ΔSPACER (Tractors unit #02847 and up)

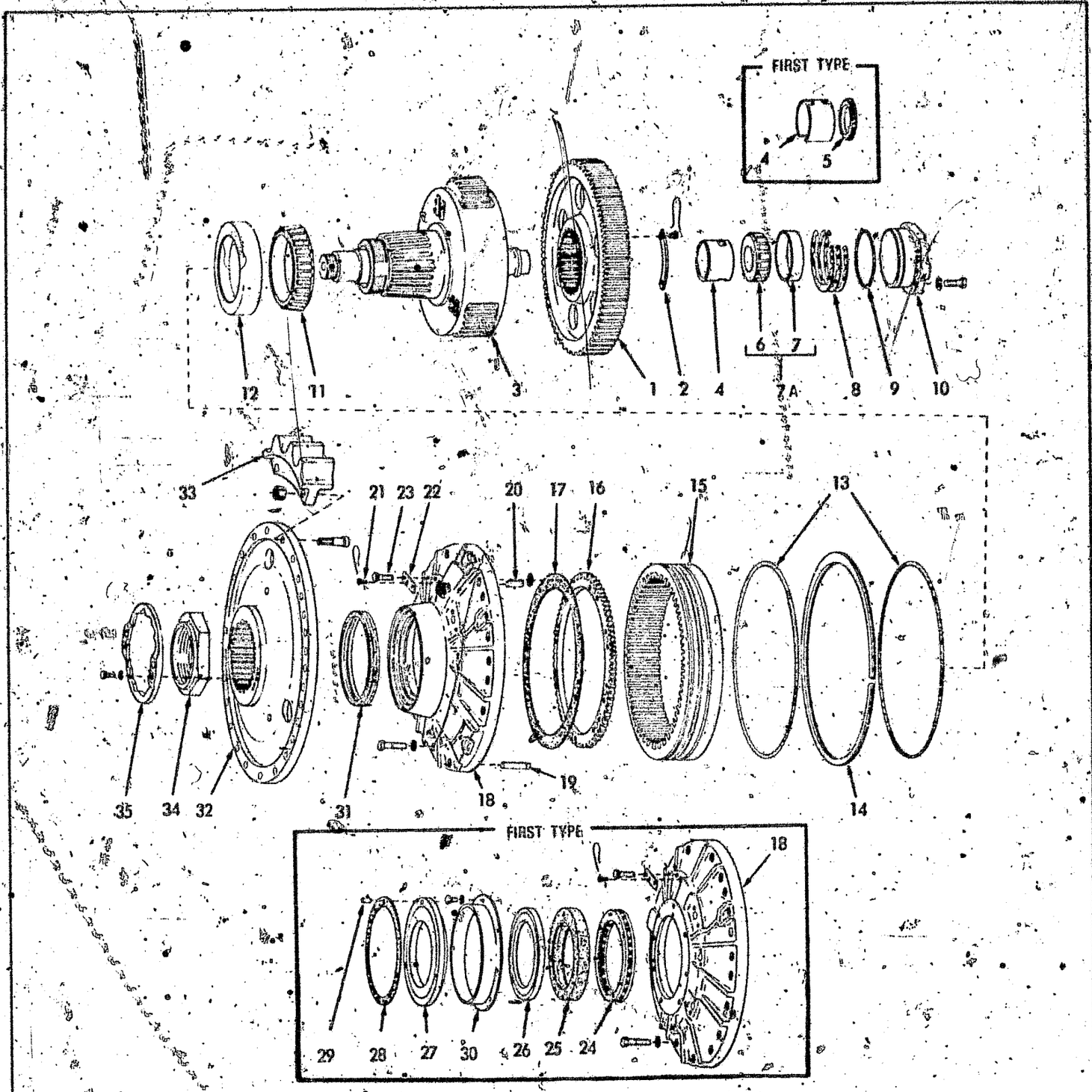
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(Revised August 1980)

FINAL DRIVE SPROCKET, SHAFT AND GEAR (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
5	70652470	2	RING (Tractors prior to unit #02847)	
6	--------	2	△CONE ASSY., bearing	Tractors prior to unit #02933. Order item 7A
7	--------	2	CUP, bearing	
7A	70689700	2	△CUP AND CONE ASSY. (Tractors unit #02933 and up)(Serviced only as a unit)	
8	70652486	8	SHIM (.005" thick)	Use as required
	70652487	4	SHIM (.007" thick)	
	70652488	4	SHIM (.010" thick)	
9	70925421	2	O-RING	
10	70696608	2	CAGE (If for first replacement, Also order item 10A)	
	70928838	12	CAPSCREW, Nylok, 1"NF x 2-1/2"	
	70914728	12	LOCKWASHER, 1"	
10A	70035250	2	PLUG	
	70667252	2	GASKET	
11	--------	2	CONE ASSY., bearing	Early units
12	--------	2	CUP, bearing	
12A	73116011	2	BEARING ASSY. (Serviced only as a unit) (Late units)	
13	70926291	4	△O-RING	
14	70652480	2	△RING, snap	
15	73109108	2	△GEAR, ring (outer)	
16	70652494	2	△GEAR, ring (inner)	
17	--------	2	GASKET (Tractors prior to unit #02045)(Not serviced. Use item 37)	
18	70663480	2	COVER (Tractors prior to unit #02045)	
	70683113	2	COVER (Tractors unit #02045 thru #02828)	
	70683693	2	△COVER (Tractors unit #02829 and up)	
	70922673	48	CAPSCREW, 3/4"NC x 4-1/2"	
	70914726	48	LOCKWASHER, 3/4"	
18A	70923719	32	△O-RING (Effective with tractor unit #02045)	
19	70652468	6	PIN (straight)	
	70683076	6	PIN (step) (For cases with enlarged holes)	
20	70683289	16	△PIN (tapped, 13/16" diam.)(For first replacement prior to tractor unit #02405 also order CAPSCREW 70929093)	
	70685501	16	PIN (tapped, 7/8" diam.)(Special. For service on reworked Covers and Inner Ring Gears)	
21	70668247	16	CAPSCREW, drilled-hd., 3/8"NF x 7/8" (Tractors prior to unit #02405)	
	70929093	16	△CAPSCREW, drilled-hd., 3/8"NF x 5/8" (Tractors unit #02405 and up)	
	70023633	16	△WIRE, locking, 1/16" x 12"	
22	70652466	16	△LOCK	
23	70664434	32	△CAPSCREW, drilled-hd., 1/2"NF x 2-7/8" (Nylon insert)	
24	70097431	2	□FOLLOWER ASSY. (Serviced only as a unit)	Tractors prior to unit #02829
25	70097432	2	□BOOT	
26	70634472	2	□RING	
27	70097441	2	□RING	

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T-78491

FINAL DRIVE SPROCKET, SHAFT AND GEAR

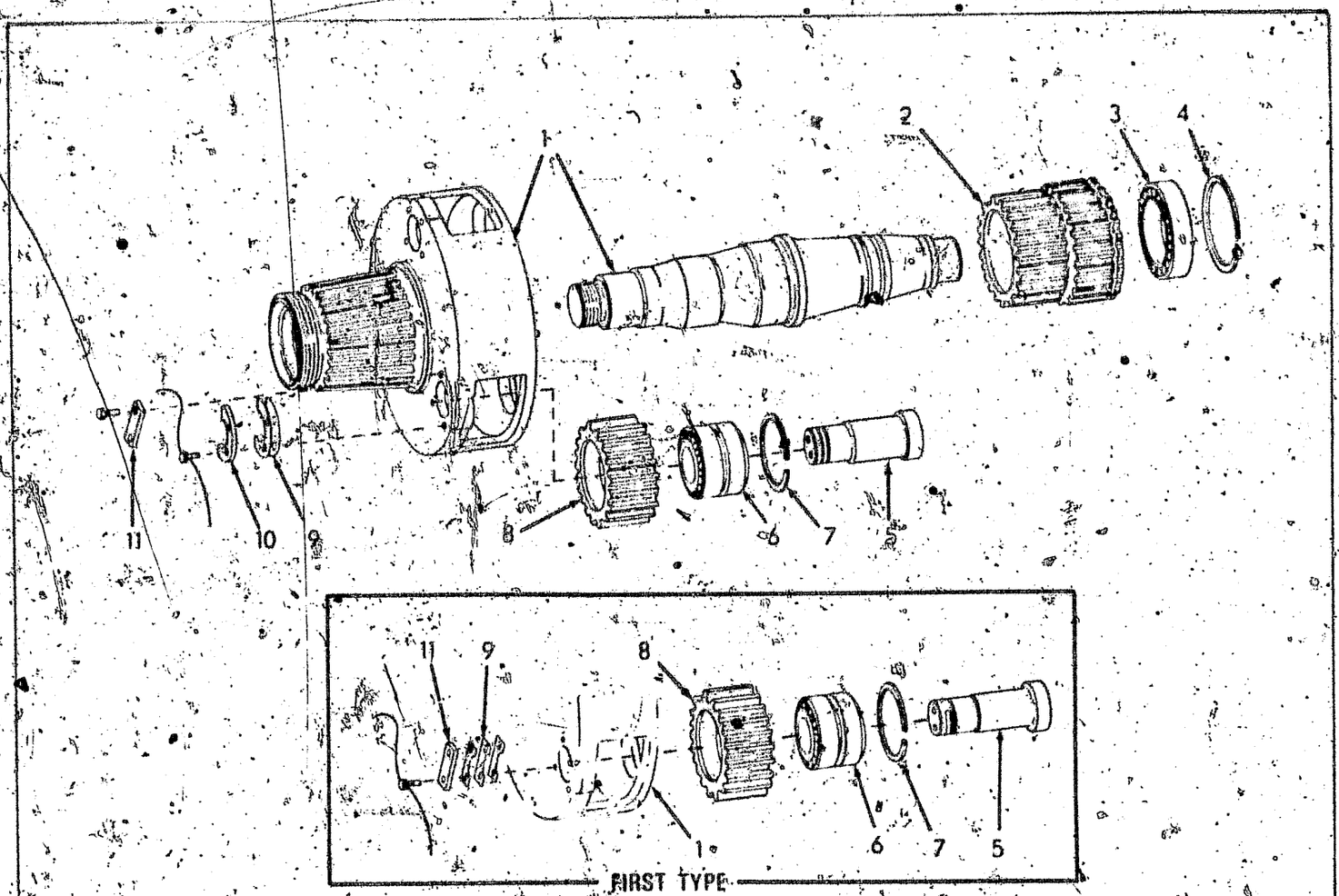
FINAL DRIVE SPROCKET, SHAFT AND GEAR (Serial #)

ITEM	PART NO.	QTY.	DESCRIPTION	
28	70097410	2	□GASKET	
29	70080881	6	□DOWEL	
30	70097424	2	GUARD	Tractors prior to unit #02432
	70921175	16	CAPSCREW, 1/2" NC x 1"	
	70912441	16	LOCKWASHER, 1/2"	
31	70683730	2	SEAL ASSY. (Serviced only as a unit)(Tractors unit #02824 and up)	
32	70668728	2	HUB (Tractors prior to unit #02475)	
	70679495	2	HUB (Tractors unit #02475 thru #02828)	
	70682038	2	HUB (Tractors unit #02475 thru #02828)	
	70683675	2	HUB (Tractors unit #02824 and up)	
33	70681816	18	SEGMENT (Tractors prior to unit #02432)	
	70681886	18	SEGMENT (Tractors unit #02432 and up)	
	70669344	54	CAPSCREW	Tractors prior to unit #02470
	70926995	54	NUT, 1-1/8" NF	
	70679495	54	BOLT	Tractors unit #02470 and up
	70679494	54	NUT, 1-1/8" NF	
34	70663664	2	△NUT (Original equipment)	
	70690300	2	NUT (Used with service replacement carrier assembly)	
35	70097425	2	LOCK	Tractors prior to unit #02470
	70919230	4	CAPSCREW, 1/2" NC x 1-3/8"	
	70904208	4	LOCKWASHER, 1/2"	
	70681652	2	LOCK	Tractors unit #02470 and up
	70920585	4	CAPSCREW, 1/2" NC x 1-3/4"	
	70912441	4	LOCKWASHER, 1/2"	
36	70667171	1	CARRIER ASSY. (Includes items 1 thru 6, 11 thru 16, 18, 18A 20 thru 23, 34 and 1 NUT 70097415)(Optional service) (Tractors prior to unit #02824)(See page 107)	
	70683849	1	CARRIER ASSY. (Includes items 1 thru 4, 7A, 11 thru 16, 18, 18A, 20 thru 23, 34, and 1 NUT 70097415)(Optional service) (Tractors unit #02824 and up)(See page 107)	
37	70682648	1	PLASTIC GASKET (4 oz. squeeze bottle)	
38	70664590	2	SEAL KIT (Includes parts for one (1) side only; items 24 thru 27)	

△Components of item 36

□Components of item 38

(Revised November 1977)



T-77561

CARRIER ASSEMBLY

USAGE: See G-15

* First type } Original equipment
** Second type }
*** Service replacement for field modification

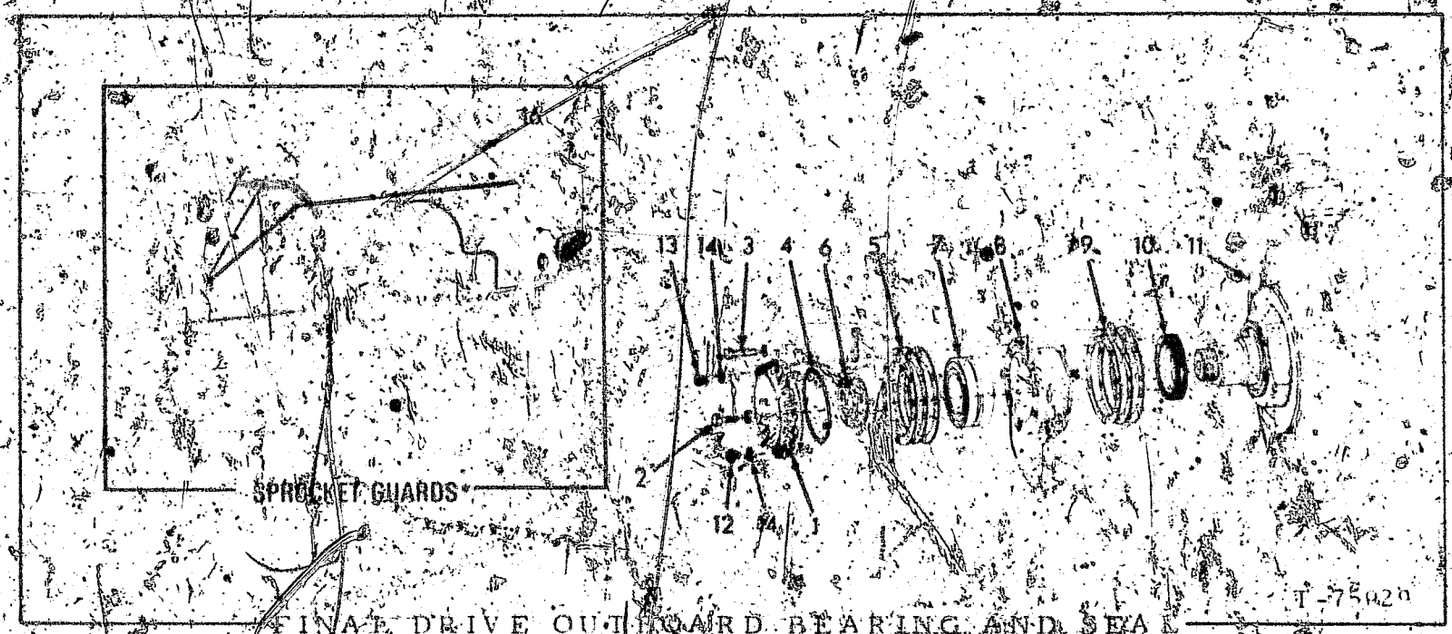
ITEM	PART NO.	QUANTITY *	**	***	DESCRIPTION
	----------	2	2	2	CARRIER ASSY. (Includes items 1 thru 11)
1	70683099	2	2	-	SHAFT AND CARRIER ASSY. (Serviced only as a unit)(Requires outboard bearing with 4.72" I.D.)
	70689740	-	-	2	SHAFT AND CARRIER ASSY. (Serviced only as a unit)(Requires outboard bearing with 5.90" I.D. and NUT 70690300)
2	70663546	2	2	2	GEAR
3	70652476	2	2	2	BEARING
4	70652489	2	2	2	RING
5	----------	6	-	-	PIN (See service note below)
	70682029	-	6	6	PIN
6	73115394	6	6	6	BEARING
7	70653286	6	6	6	RING (Early units)
8	73117950	6	6	6	GEAR (If for first replacement, also order item 6)

(Continued)

CARRIER ASSEMBLY (Continued)

ITEM	PART NO.	QUANTITY *	QUANTITY **	QUANTITY ***	DESCRIPTION	
9	--------	24	-	-	SHIM (.005")	Use as required, See service note below
	--------	18	-	-	SHIM (.007")	
	--------	24	-	-	SHIM (.010")	
	70682054	-	48	48	SHIM (.005")	Use as required
	70682055	-	36	36	SHIM (.007")	
	70682056	-	48	48	SHIM (.010")	
10	73113308	-	6	6	RING	
	70928962	-	12	12	CAPSCREW, drilled-hd., 3/8" NF x 7/8"	
	70023633	-	6	6	WIRE, locking, 1/16" x 12"	
11	70652474	12	6	6	BLOCK (See service note below)	
	70928962	24	12	12	CAPSCREW, drilled-hd., 3/8" NF x 7/8"	
	70023633	12	6	6	WIRE, locking, 1/16" x 12"	

NOTE: Order second type listing of items 5, 9, 10 and 11.



FINAL DRIVE OUTBOARD BEARING AND SEAL

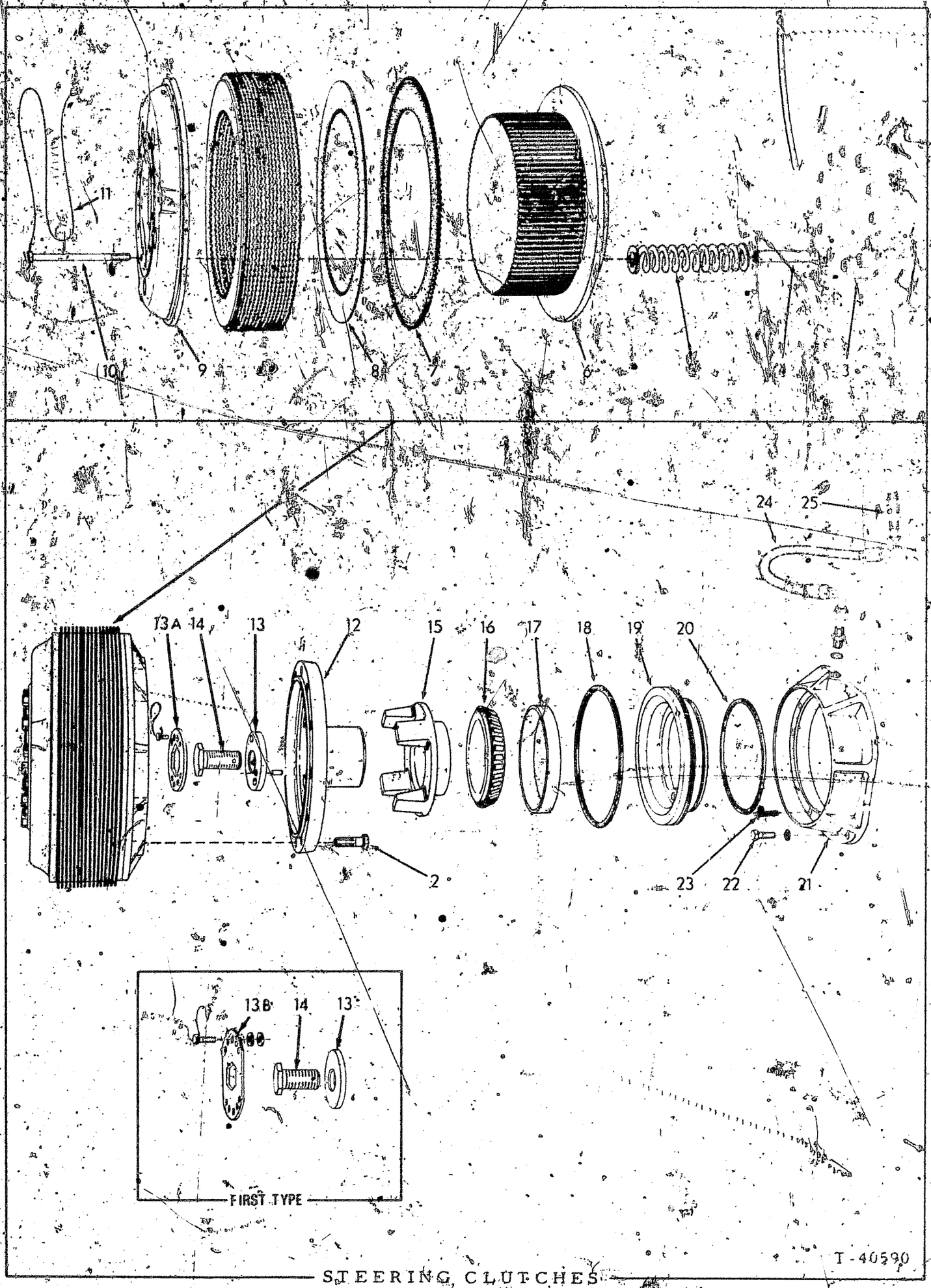
USAGE: Original equipment bearing with 4.46" O.D. and 4.72" I.D.

ITEM	PART NO.	QTY.	DESCRIPTION
1	70084263	2	RETAINER (Use for tractors prior to unit #02702 excluding exceptions listed below; also order items 4, 5, 13 and 14)
2	70921435	4	CAPSCREW, 5/8" NC x 1-3/4"
	70912942	4	LOCKWASHER, 5/8"
3	70922789	12	CAPSCREW, 3/4" NC x 3"
	70914726	12	LOCKWASHER, 3/4"
4	70925421	2	O-RING (Tractor unit #02702 and up including exceptions listed below)
5	70097426	8	SHIM (.005" thick) } Use as required
	70097427	6	SHIM (.007" thick) } Use as required
	70097428	4	SHIM (.010" thick) } Use as required
6	70097415	2	NUT
	70915502	2	PIN, roll, 3/8" x 1-1/2"
7	70687238	2	BEARING, roller (Each consists of 1 roller and 2 cups. Serviced only as a unit)
8	70663517	2	CAGE
9	70097421	16	SHIM (.015" thick. Use as required)
10	70664470	2	SEAL
11	--------	2	SPROCKET (See SPROCKET, SHAFT AND GEAR)
12	70638256	2	PLUG, magnetic } Tractors unit #02702 and up including exceptions listed below
13	70035250	2	PLUG } Tractors unit #02702 and up including exceptions listed below
14	70667252	4	GASKET, plug } Tractors unit #02702 and up including exceptions listed below
15	70689400	4	PLUG, magnetic (1/2" NPT)(Special service for early tractors that have been reworked)(Not illustrated)
16	70652101	1	GUARD, left side
	70652102	1	GUARD, right side
	70914941	8	CAPSCREW, 3/4" NC
	70677012	8	WASHER, plain
17	70690637	1	KIT, seal (Includes 2 sealing washer, 1 retaining band sufficient to service 1 Seal Assy.) (Not illustrated)

EXCEPTIONS: #02444, 02452, 02453, 02457 thru 02462, 02465 thru 02469, 02471 thru 02474, 02476, 02477, 02479 and 02481 thru 02483.

NOTE: See K-8 and K-9 for second type bearing and seal.

(Revised November 1977)


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13B
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13
FIRST TYPE

T-40590

STEERING CLUTCHES

ITEM	PART NO.	QTY.	DESCRIPTION
1	0094891	2	CLUTCH ASSY. (Includes items 3 thru 11)
2	0650812	36	BOLT, self-locking, 3/8"NC x 2"
3	0094714	4	PLATE
4	0095011	24	SPACER
5	0095568	24	SPRING
6	0094593	2	HUB
7	0094868	34	DISC (bi-metallic)
8	0094681	36	DISC (steel)
9	0094643	2	PLATE
10	0633957	24	CAPSCREW
11	0052519	6	WIRE, locking, 1/16" x 39"
12	0095193	2	HUB
13	0673522	2	WASHER (Tractors prior to unit #01701)
	0681560	2	WASHER ASSY. (Includes pins)(Tractor unit #01701 and up)
13A	0681558	2	LOCK } Tractor unit #01701 and up
	0928506	4	CAPSCREW, drilled-hd., 3/8"NC x 5/8"
	0023633	2	WIRE, locking, 1/16" x 12"
13B	0682085	2	LOCK } Special service parts for tractors prior to unit #01701
	0011259	4	CAPSCREW, 1/2"NC x 1"
	0928844	4	WASHER, plain
	0023756	2	WIRE, locking
14	0673521	2	CAPSCREW, Nylok, 1-1/4"NF x 2-1/2" (Tractors prior to unit #01701)
	0681543	2	CAPSCREW, 1-1/4"NF x 2-1/2" (Tractors unit #01701 and up)
15	0095313	2	SLEEVE
16	3040096	2	CONE ASSY.
17	3040055	2	CUP
18	0095753	2	RING
19	0095761	2	PISTON
20	0623003	2	RING
21	0095760	2	RING
22	0920574	6	CAPSCREW, 1/2"NC x 1-3/8"
	0904208	6	LOCKWASHER, 1/2"
23	0040475	6	SPRING
24	0653364	2	HOSE (See HOSE PARTS)
	0919128	2	CONNECTOR, flare type, 1/2" tube, 1/2" NPT male
25	-------	2	UNION (See STEERING CONTROL VALVE LINES)

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Also, for this new enterprise, a new series of 8-digit part numbers is in effect. This change is accomplished by eliminating the "check digit" wherever it may appear, and then, to this basic part number, prefixing a "7" (or "7" plus one or more zeros) to make a full 8-digit part number.

Examples:

667367	becomes 70667367
0688917-4	becomes 70688917
3060101-7	becomes 73060101

All part numbers listed herein must be changed per the above formula before ordering.

FOR NEW PART NUMBERS INTRODUCED ON THIS FICHE ISSUANCE SEE GRID L-1, L-2

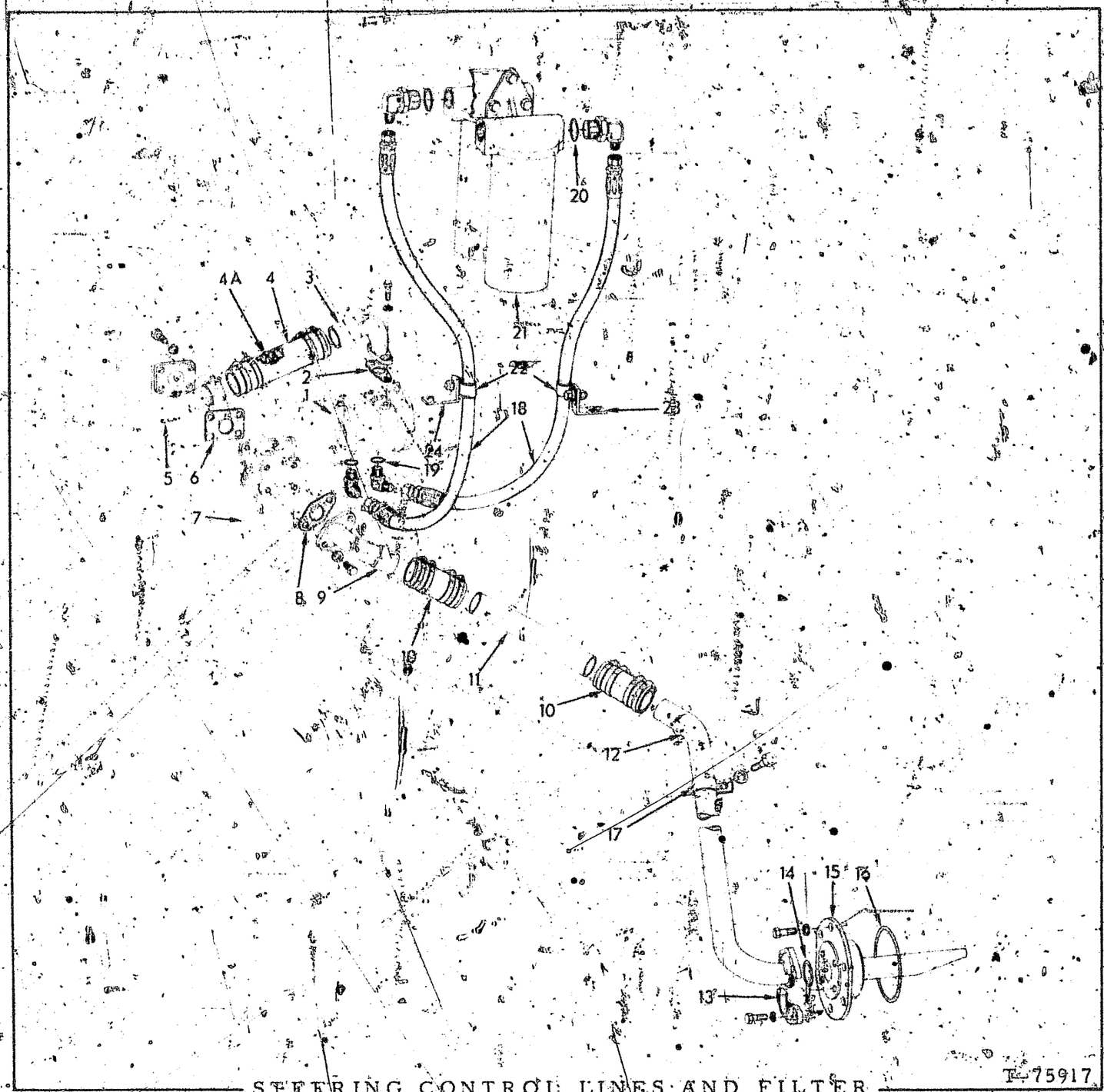
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FOR NEW PART NUMBERS INTRODUCED ON THIS FICHE ISSUANCE SEE GRID L-1, L-2

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T-75917

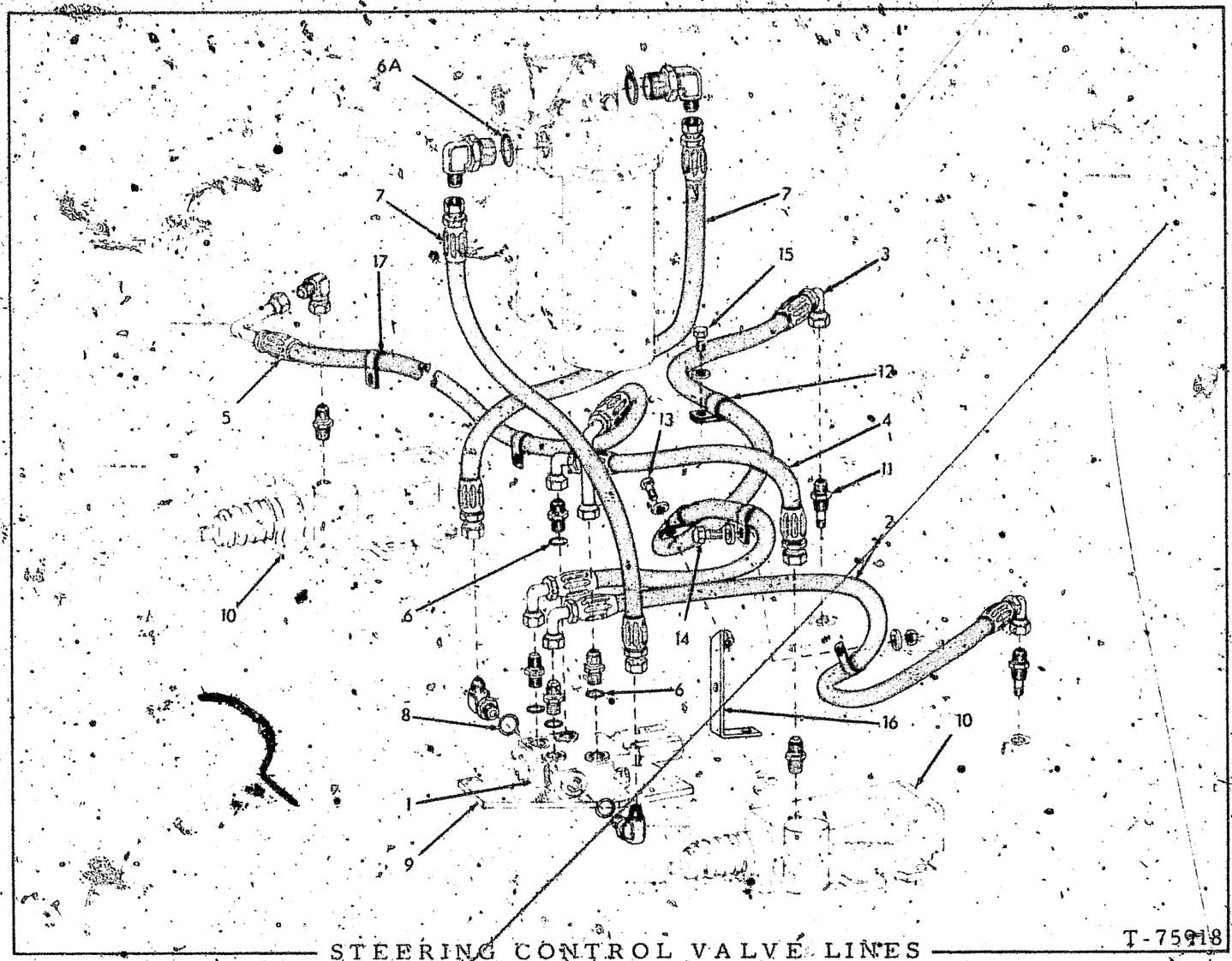
STEERING CONTROL LINES AND FILTER

ITEM	PART NO.	QTY.	DESCRIPTION
1	-------	1	PUMP ASSY. (See H-9)
2	70655999	1	GASKET
3	70660496	1	ELBOW
	70922763	2	CAPSCREW, 3/8"NC x 1"
	70911287	2	LOCKWASHER, 3/8"
4	70682947	1	HOSE
	70925280	4	CLAMP
4A	70682107	1	SPRING (Late Units)
5	70664069	1	ELBOW
	70920582	4	CAPSCREW, 1/2"NC x 1-1/4"
	70912441	4	LOCKWASHER, 1/2"

(Continued)

STEERING CONTROL LINES AND FILTER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
6	70652011	1	GASKET
7	------	1	FILTER ASSY. (See H-10)
8	70652012	1	GASKET
9	70652019	1	ELBOW
	70920582	2	CAPSCREW, 1/2 NC x 1-1/4
	70912441	2	LOCKWASHER, 1/2"
10	70623234	2	HOSE
	70925280	8	CLAMP
11	70664065	1	TUBE
12	70666075	1	TUBE
13	70921558	2	FLANGE
	70915987	4	CAPSCREW, 1/2"NC x 1-1/2"
	70904208	4	LOCKWASHER, 1/2"
14	70923814	1	O-RING
15	70664105	1	COVER
	70920583	6	CAPSCREW, 1/2"NC x 1-1/2"
	70912441	6	LOCKWASHER, 1/2"
16	70923595	1	O-RING
17	70623235	1	CLIP
	70921175	1	CAPSCREW, 1/2"NC x 1"
	70677008	1	WASHER, plain
18	70652917	2	HOSE (See HOSE PARTS)
	70922974	2	ELBOW, adjustable, 90° flare type, 3/4" tube 7/8"-14 NF male end (Includes item 19)
	70926598	2	ELBOW, adjustable, 90° flare type, 3/4" tube 1-5/8"-12 NF male end (Includes item 20)
19	70921205	2	O-RING
20	70921235	2	O-RING
21	70669503	2	FILTER ASSY. (See F-24)
	70924864	3	CAPSCREW, 1/2"NC x 2-1/4"
	70912441	3	LOCKWASHER, 1/2"
	70911028	3	NUT, 1/2"NC
22	70927388	2	CLIP
	70920582	2	CAPSCREW, 1/2"NC x 1-1/4"
	70064531	2	WASHER, plain
	70912441	2	LOCKWASHER, 1/2"
	70911028	2	NUT, 1/2"NC
23	70674991	1	ANGLE
24	70682829	1	ANGLE



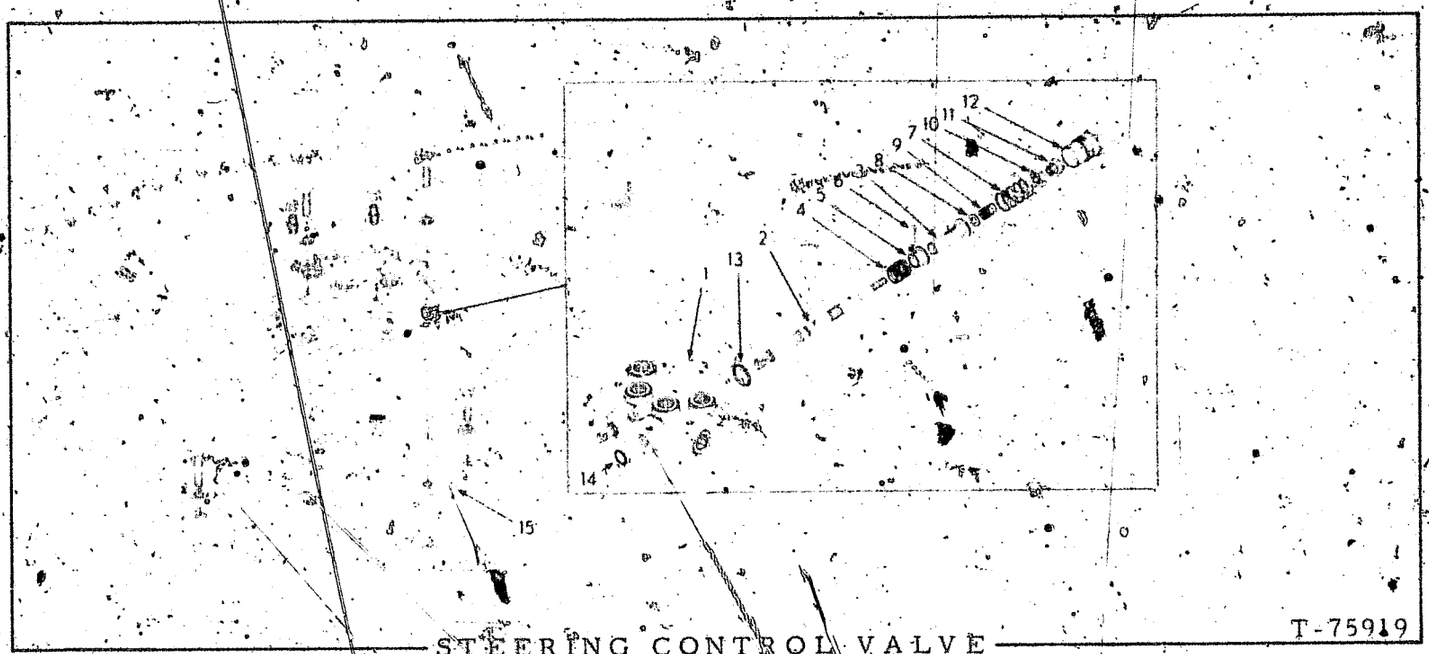
STEERING CONTROL VALVE LINES T-75918

ITEM	PART NO.	QTY.	DESCRIPTION
1 *	-------	1	VALVE ASSY. (See H-7)
2	0652913	1	HOSE (See HOSE PARTS)
	0921409	1	CONNECTOR, flare type, 1/2" tube, 3/4"NF male end (Includes item 6)
3	0677467	1	HOSE (See HOSE PARTS)
	0921409	1	CONNECTOR, flare type, 1/2" tube, 3/4"NF male end (Includes item 6)
4	0646915	1	HOSE (See HOSE PARTS)
	0919615	1	CONNECTOR, flare type, 3/4" tube, 1/2"NPT male
	0922935	1	CONNECTOR, flare type, 3/4" tube, 3/4"NF male end (Includes item 6)
5	0658761	1	HOSE (See HOSE PARTS)
	0919615	1	CONNECTOR, flare type, 3/4" tube, 1/2"NPT male
	0922935	1	CONNECTOR, flare type, 3/4" tube, 3/4"NF male end (Includes item 6)
	0919624	1	ELBOW, 90°, flare type, swivel nut, 3/4" tube
6	0921349	4	O-RING
6A	0921235	2	O-RING

(Continued)

STEERING CONTROL VALVE LINES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	0672503	2	HOSE (See HOSE PARTS)
	0922965	2	ELBOW, adjustable, 90°, flare type, 3/4" tube, 3/4 NF male end (Includes item 8)
	0926598	2	ELBOW, adjustable, 90°, flare type, 3/4" tube, 1 5/8 NF male end (Includes item 6A)
8	0921349	2	O-RING
9	-------	-	COVER (See STEERING CONTROL VALVE)
10	-------	-	VALVE ASSY. (See BRAKES)
11	0663983	2	UNION
12	0927386	4	CLIP
13	0921076	1	CAPSCREW, 3/8" NC x 1-1/4"
	0044673	1	WASHER, plain
14	0920582	1	CAPSCREW, 1/2"NC x 1-1/4"
15	0920585	1	CAPSCREW, 1/2"NC x 1-3/4"
	0064531	3	WASHER, plain
	0911028	1	NUT, 1/2"NC
16	0673580	1	ANGLE
17	0927388	2	CLIP



STEERING CONTROL VALVE

USAGE: See H-5 and H-12

ITEM	PART NO.	QTY.	DESCRIPTION
	70677645	1	VALVE ASSY. (Includes items 1 thru 14)
	70919171	2	CONNECTOR, flare type, 1/4" tube, 1/8" NPT female
	70921467	2	CAP, flare type, 1/4" tube
	70920996	2	CAPSCREW, 3/8"NC x 2-1/4"
	70927446	1	CAPSCREW, 3/8"NC x 3"
	70910287	3	LOCKWASHER, 3/8"
1	-------	1	BODY (Not serviced separately)
2	-------	2	PLUNGER (Not serviced separately)
3	70677636	2	SLEEVE
4	70677643	2	SPRING
5	70677637	2	BUSHING
6	70916166	2	PIN, spring (1/8" x 3/4")
7	70684654	2	SPRING
8	70677641	2	WASHER
9	70677642	2	SPRING
10	70677639	2	NUT
11	70677638	2	RETAINER
12	70677634	2	CAP
13	70924416	2	O-RING (large)
14	70923645	2	O-RING (small)
15	70653213	1	PLATE
	70920582	2	CAPSCREW, 1/2"NC x 1-1/4"
	70920583	1	CAPSCREW, 1/2"NC x 1-1/2" (Tractors prior to unit #01705)
	70921535	1	CAPSCREW, 5/8"NC x 1-3/4" (Tractors unit #01705 and up)
	70064531	2	WASHER, plain (1 additional used prior to unit #01705)
	70677010	1	WASHER, plain (Tractors unit #01705 and up)

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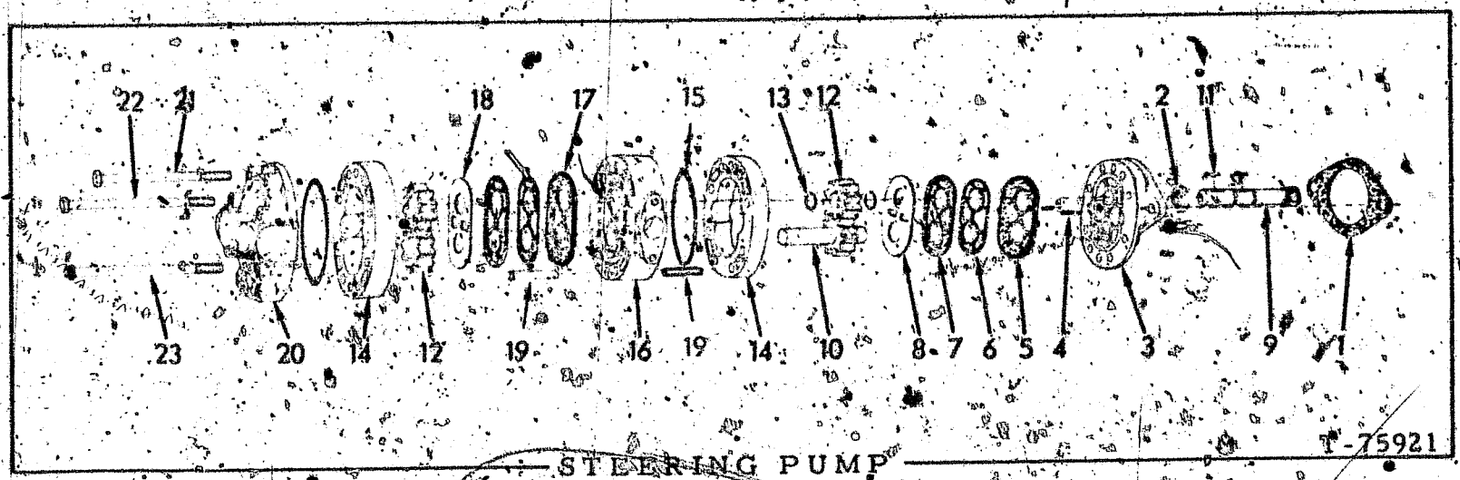
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Examples:

667367	becomes 70667367
0688917-4	becomes 70688917
3060101-7	becomes 73060101

All part numbers listed herein must be changed per the above formula before ordering.



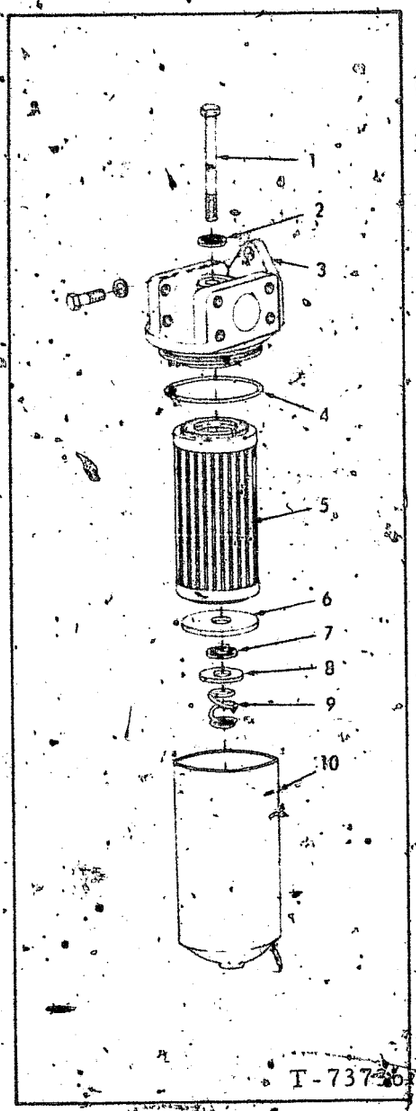
STEERING PUMP

USAGE: See H-3

ITEM	PART NO.	QTY.	DESCRIPTION
-	70661930	1	PUMP ASSY. (Includes items 2 thru 23)
	70923268	2	CAPSCREW, 12-pt., 7/16"NC x 1-1/2"
	70914678	2	LOCKWASHER, 7/16"
1	70674412	1	GASKET
2	70650677	1	□SEAL
3	71126490	1	PLATE ASSY. (Includes bushings)
4	70650679	2	□SPRING
	70915903	2	□BALL, steel, 7/32" diam.
5	70650673	1	□SEAL
6	70650676	2	□GASKET (thin)
7	70650675	2	□GASKET (thick)
8	70650674	1	□DIAPHRAGM
9	70673455	1	SHAFT
10	70669352	1	GEAR ASSY. (Includes shaft)
11	70673454	2	□KEY
12	70669351	3	GEAR
13	70653936	2	□RING
14	70669345	2	BODY
15	70926216	2	□O-RING
16	70669350	1	BODY (Includes bushings)
17	70650678	1	□SEAL
18	70827650	1	□DIAPHRAGM
19	70653937	2	PIN (3-1/2" long)(First type)
	74905870	4	PIN (1-3/4" long)(Second type)
20	70669348	1	PLATE
21	70919223	4	CAPSCREW, 5/16"NC x 4-1/2"
22	70928393	2	CAPSCREW, 5/16"NC x 4-3/4"
23	70927363	2	SCREW, 12 pt., 5/16"NC x 4-3/4"
24	70673459	1	REPAIR KIT (Includes items 2, 4 thru 8, 11, 13, 15, 17, 18)

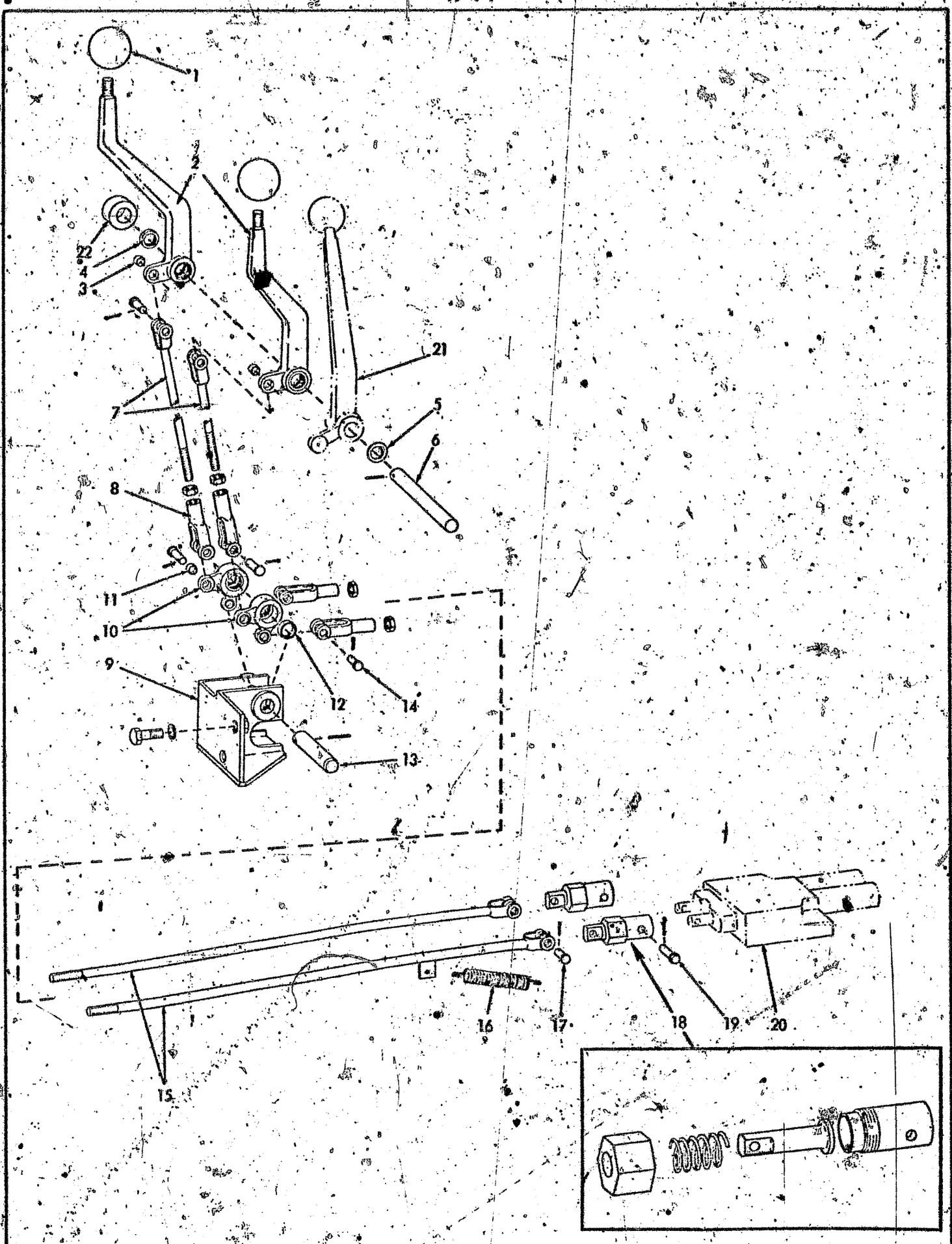
□Components of item 24

STEERING SUCTION LINE FILTER



USAGE: See H-3

ITEM	PART NO.	QTY.	DESCRIPTION
-	0651143	1	FILTER ASSY. (Includes items 1 thru 10)
	4367187	3	STUD
	0912441	3	LOCKWASHER, 1/2
	0913830	3	NUT, 1/2 NF
1	0918553	1	CAPSCREW, 7/16" x 4-1/2"
2	0651533	1	WASHER
3	0651529	1	HEAD
4	0923834	1	O-RING
5	0651532	1	ELEMENT
6	0656574	1	PLATE
7	0641029	1	WASHER
8	0656573	1	WASHER
9	0656572	1	SPRING
10	0651531	1	TANK

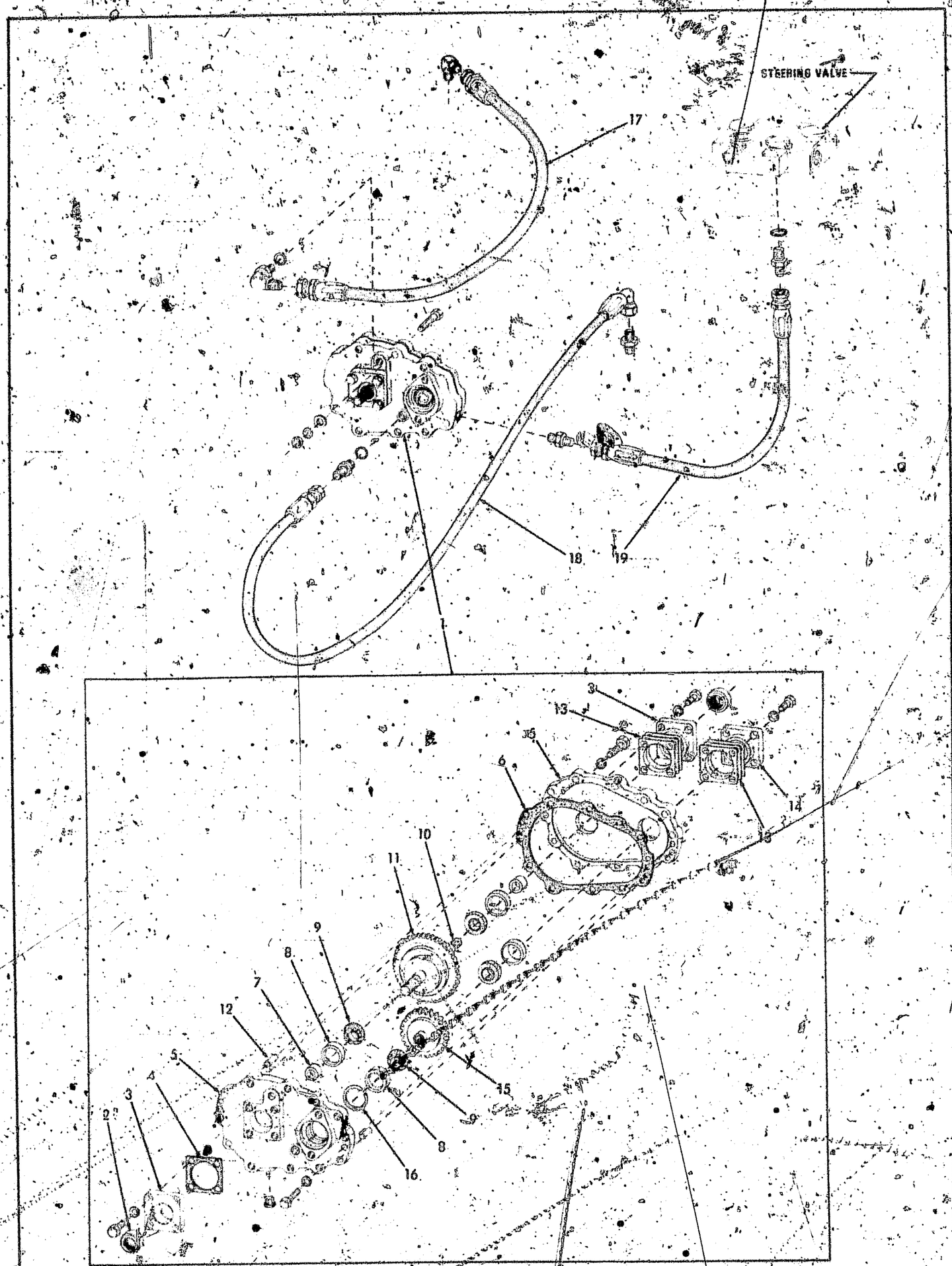


STEERING LEVERS AND LINKAGE

T-75931

STEERING LEVERS AND LINKAGE

ITEM	PART NO.	QTY.	DESCRIPTION
1	0090020	2	KNOB, steering lever
2	0653321	1	LEVER ASSY., left (Includes items 3 and 4)
	0653309	1	LEVER ASSY., right (Includes items 3 and 4)
3	0624584	2	BUSHING
4	0653319	4	BEARING
5	0922089	5	WASHER (Use as required)
6	0653279	1	SHAFT
	0916004	1	PIN, spring, 3/16" x 2"
7	0653306	2	ROD
	0911048	2	NUT, jam, 3/8" NF
8	0628736	4	YOKE
9	0653284	1	BRACKET
	0921076	2	CAPSCREW, 3/8" NC x 1-1/4"
	0904206	2	LOCKWASHER, 3/8"
10	0653320	2	BELLCRANK ASSY. (Includes items 11 and 12)
11	0624584	4	BUSHING
12	0653319	4	BEARING
13	0653277	1	SHAFT
	0919761	1	PIN, spring, 1/8" x 1-1/4"
14	0078810	6	PIN
	0900801	6	PIN, cotter, 3/32" x 3/4"
15	0653314	1	ROD, left
	0653305	1	ROD, right
	0911048	2	NUT, jam, 3/8" NF
16	0072438	2	SPRING
17	0917645	2	PIN
	0900801	2	PIN, cotter, 3/32" x 3/4"
18	0656151	2	OVER-TRAVEL ASSY.
19	0630833	2	PIN
	0900801	2	PIN, cotter, 3/32" x 3/4"
20	-------	1	VALVE, control (See STEERING CONTROL VALVE)
21	-------	1	LEVER, throttle (See ENGINE CONTROLS)
22	0624844	1	SPACER

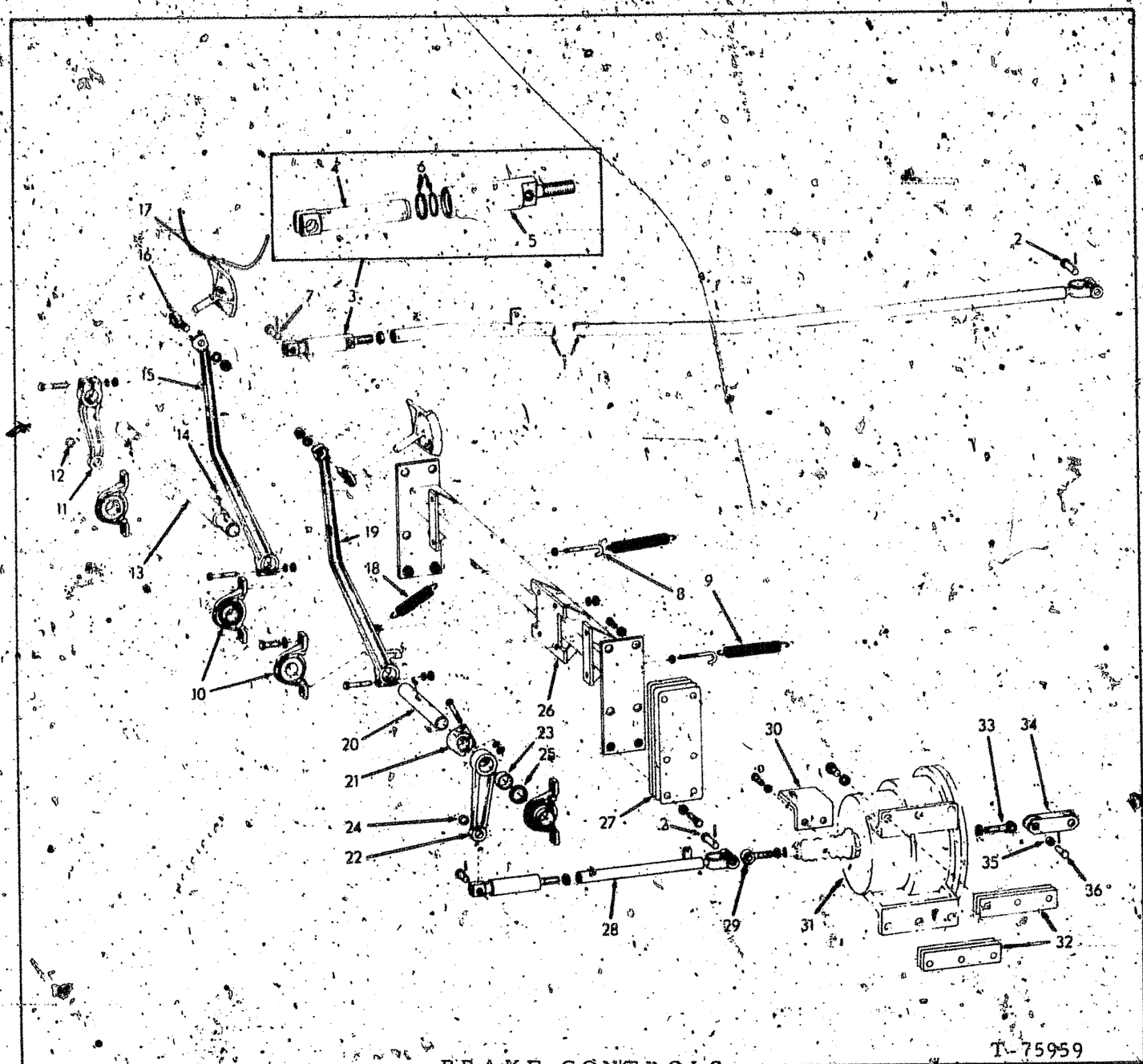


T-75953

STEERING PUMP GEAR BOX AND LINES

STEERING PUMP GEAR BOX AND LINES

ITEM	PART NO.	QTY.	DESCRIPTION
1	70661350	1	GEAR BOX ASSY. (Includes items 2 thru 16)
	70924843	4	CAPSCREW, 3/8 NC x 3-1/2
	70910287	4	LOCKWASHER, 3/8
	70911026	4	NUT, 3/8 NC
	70927589	4	WASHER, plain
2	70675473	2	SEAL
3	70633944	2	CAP
	70927361	8	CAPSCREW, Nylok, 3/8 NC x 1-1/4
	70910287	8	LOCKWASHER, 3/8
4	70661355	1	GASKET
5	70661335	1	HOUSING ASSY. (Includes 1 HOUSING, 1 COVER, 2 CAPSCREWS and 2 LOCKWASHERS)
	70919840	1	PLUG, pipe, hex-hd., 1/4 NPT
	70922287	8	CAPSCREW, 3/8 NC x 1-3/4
	70910287	8	LOCKWASHER, 3/8
6	70661340	1	GASKET
7	70614008	2	SPACER (1.180" I.D.)(Tractors prior to unit #02022)
	70681727	2	SPACER (1.125" I.D.)(Tractors unit #02022 and up)
8	72554704	4	CUP
9	72554703	4	CONE ASSY. (1.250" I.D.)(2 less used on tractors unit #02022 and up)
	70681796	2	CONE ASSY. (1.125" I.D.)(Tractors unit #02022 and up)
10	70681795	1	SHAFT (If first replacement on tractors prior to unit #02022 also order 2 SPACER 0681727-4 and 2 CONE ASSY. 0681796-9 if for tractors prior to unit #01724 also order 1 each NUT 0910875-4, WASHER 0910255-9 and PIN 0900808-7)
11	70661346	1	GEAR
12	70653990	2	PIN
13	70634007	26	SHIM (.010) } Use as required
	70634010	4	SHIM (.0025) }
14	70666130	1	CAP
	70927361	4	CAPSCREW, Nylok, 3/8 NC x 1-1/4
	70910287	1	LOCKWASHER, 3/8
15	70661348	1	GEAR
16	70661356	1	RING
17	70670152	1	HOSE (See HOSE PARTS)
	70919269	1	ELBOW, flare type, 3/4" tube, 3/4" NPT male (Tractors prior to unit #02477)
	70920692	1	ELBOW, flare type, 45°, 3/4" tube, 3/4 NPT male (Tractors unit #02477 and up)
	70922965	1	ELBOW, adjustable, 90°, flare type, 3/4" tube, 3/4 NF male end (Includes washer, nut and O-RING)
	70921349	1	O-RING
18	70673690	1	HOSE (See HOSE PARTS)
	70919342	1	CONNECTOR, flare type, 3/4" tube, 3/4 NPT male
	70922935	1	CONNECTOR, flare type, 3/4" tube, 3/4 NF male end (Includes O-RING)
	70921349	1	O-RING
19	70677462	1	HOSE (See HOSE PARTS)
	70919063	1	CONNECTOR, flare type, 1/2" tube, 3/8 NPT
	70921409	1	CONNECTOR, flare type, 1/2" tube, 3/4 NF male end (Includes O-RING
	70921349	1	O-RING

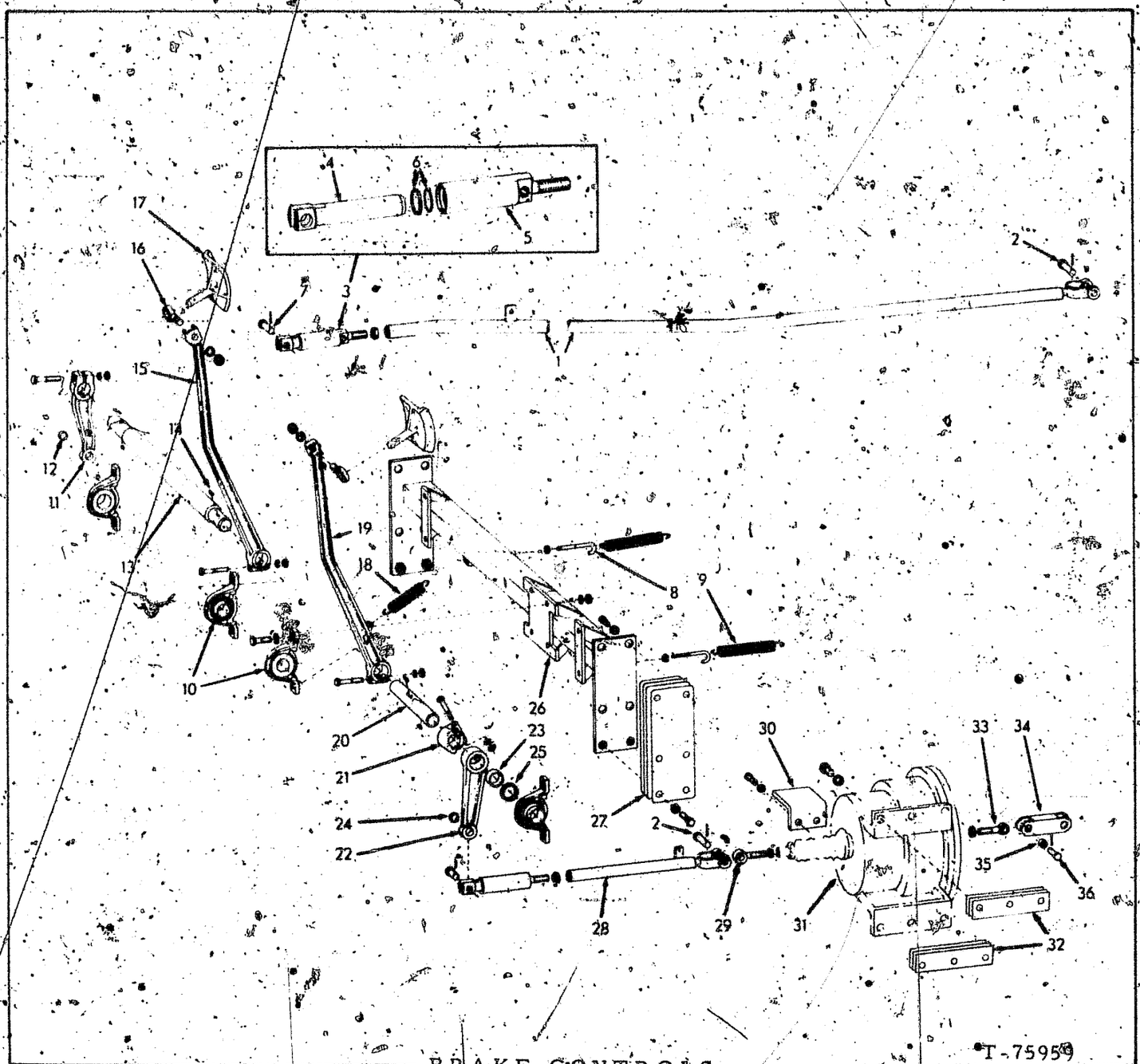


BRAKE CONTROLS

BRAKE CONTROLS

ITEM	PART NO.	QTY.	DESCRIPTION
1	70652229	1	ROD (Tractors prior to unit #02481)
	70685861	1	ROD (Tractors unit #02481 and up)
2	70052671	2	PIN
	70900806	2	PIN, cotter, 1/8" x 1"
3	70669946	2	CYLINDER ASSY. (Includes items 4 thru 6)
	70910847	2	NUT, jam, 3/4"NF
4	------	2	PISTON } Not serviced separately
5	------	2	BARREL }
6	70670235	2	SEAL KIT (Includes 1 SEAL and 1 O-RING)
7	70052671	2	PIN
	70900806	2	PIN, cotter, 1/8" x 1"
8	70652228	2	ROD
	70911325	2	NUT, jam, 1/4"NC
9	70035942	2	SPRING
10	70655958	4	BEARING
	70921556	8	CAPSCREW, 1/2"NC x 2"
	70677008	16	WASHER, plain
	70911028	8	NUT, 1/2"NC
11	70685907	1	LEVER ASSY. (Includes item 12)(Tractors unit #02481 and up)
	70652208	1	LEVER ASSY. (Includes item 12)(Tractors prior to unit #02481)
	70922510	1	CAPSCREW, 1/2"NC x 2-3/4"
	70912441	1	LOCKWASHER, 1/2"
	70911028	1	NUT, 1/2"NC
12	70671778	1	BUSHING
13	70652236	1	SHAFT
14	70631883	4	KEY
15	70652216	1	LEVER
	70922510	1	CAPSCREW, 1/2"NC x 2-3/4"
	70912441	1	LOCKWASHER, 1/2"
	70911028	1	NUT, 1/2"NC
16	70050433	2	EYE
	70912942	2	LOCKWASHER, 5/8"
	70911044	2	NUT, 5/8"NF
17	70623151	2	PAD
18	70671019	1	SPRING
19	70652215	1	LEVER
	70922510	1	CAPSCREW, 1/2"NC x 2-3/4"
	70912441	1	LOCKWASHER, 1/2"
	70911028	1	NUT, 1/2"NC
20	70652225	1	SHAFT

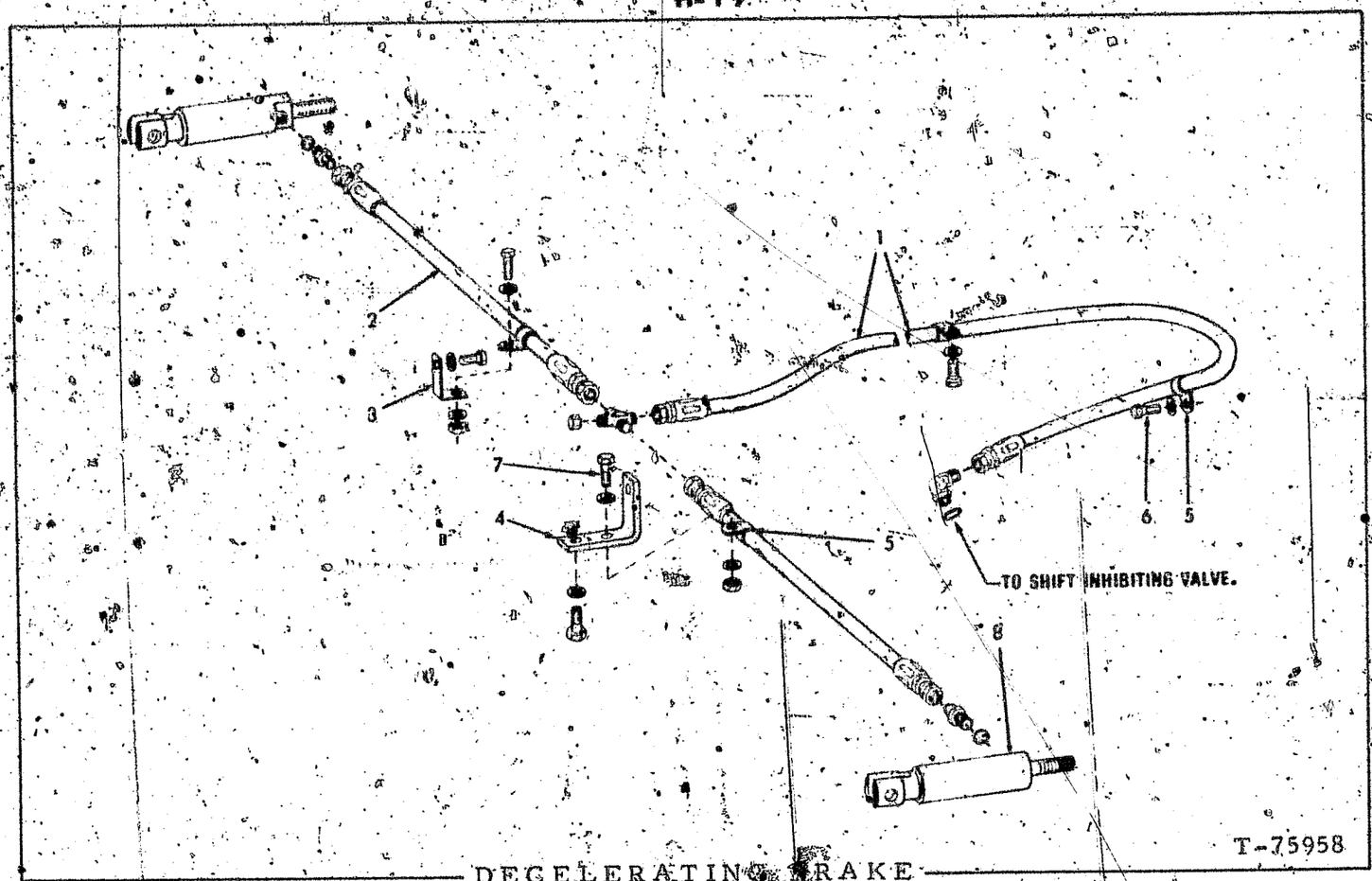
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BRAKE CONTROLS

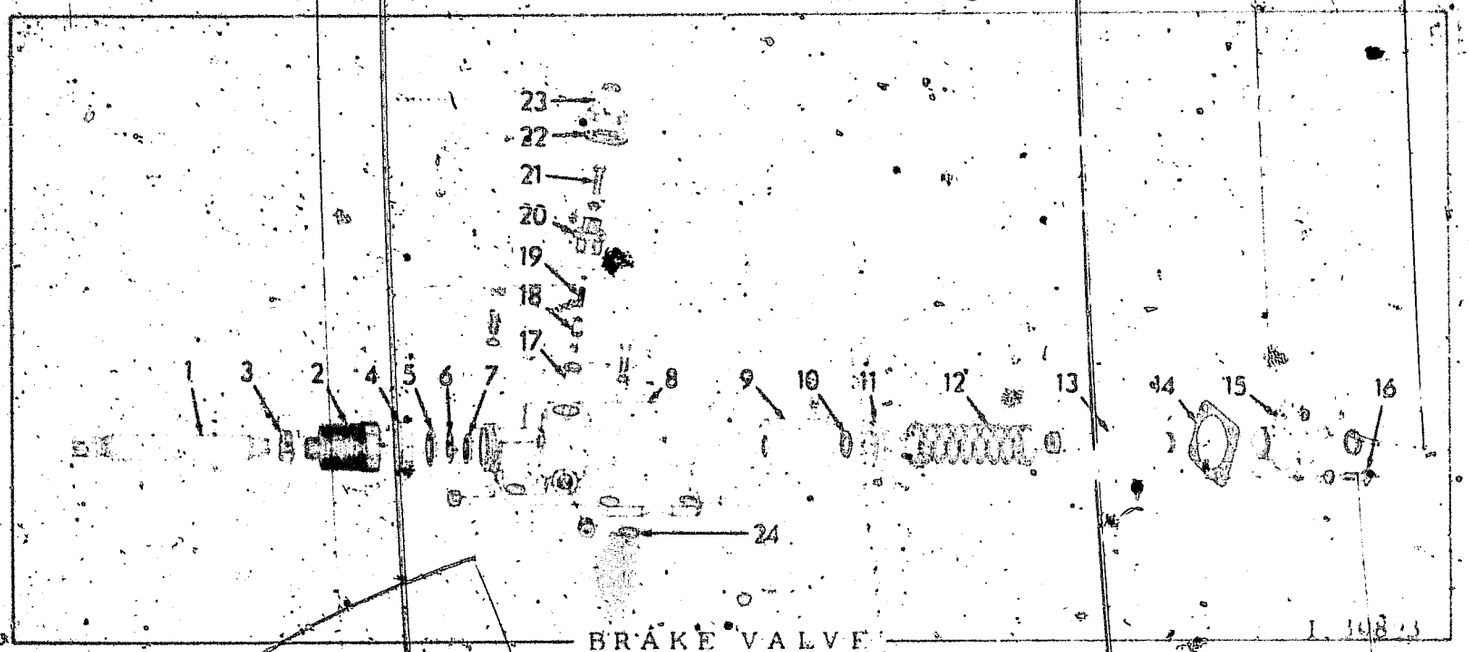
BRAKE CONTROL (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
21	70664077	1	RING
	70922510	1	CAPSCREW, 1/2" NC x 2-3/4"
	70912441	1	LOCKWASHER, 1/2"
	70911028	1	NUT, 1/2" NC
22	70664129	1	LEVER ASSY. (Includes items 23 and 24)
23	70664126	1	BUSHING
24	70671778	1	BUSHING
25	70664130	1	SPACER
26	70653665	1	BRACKET
	70920585	6	CAPSCREW, 1/2" NC x 1-3/4"
	70921556	6	CAPSCREW, 1/2" NC x 2"
	70677008	12	WASHER, plain
27	70666106	2	SHIM (.031) — Use as required
	70666107	3	SHIM (.062) — Use as required
28	70652232	1	ROD
29	70671017	1	EYE
	70927653	1	NUT, jam, 5/8" NF
30	70668277	1	ANGLE
	70920583	2	CAPSCREW, 1/2" NC x 1-1/2"
	70677008	2	WASHER, plain
31	--------	1	CYLINDER ASSY. (See I-10)
	70920585	6	CAPSCREW, 1/2" NC x 1-3/4"
	70677008	6	WASHER, plain
32	70670664	4	SHIM (.031) — Use as required
	70670665	6	SHIM (.062) — Use as required
33	70068163	1	EYE
	70910345	1	NUT, jam, 5/8" NF
34	70652836	1	YOKE ASSY. (Includes item 35)
35	70096142	4	BUSHING
36	70652244	2	PIN
	70900808	2	PIN, cotter, 1/8" x 1-1/2"



DECELERATING BRAKE

ITEM	PART NO.	QTY.	DESCRIPTION	
1	70670094	1	HOSE (See HOSE PARTS)	
	70927530	1	TUBE, cross, union, flare type, 3/8" tube	
	70919552	1	CAP, flare type, 3/8" tube	
	70923905	1	ELBOW, adjustable, flare type, 3/8" tube, 3/4" NF male (Includes washer, nut and O-RING)	
	70921349	1	O-RING	
2	70669957	2	HOSE (See HOSE PARTS)(Tractors prior to unit #02481)	
	70685912	2	HOSE (See HOSE PARTS)(Tractors unit #02481 and up)	
	70922522	2	CONNECTOR, flare type, 3/8" tube, 3/4" NF male end (Includes O-RING)	
	70921349	2	O-RING	
3	70094867	1	ANGLE	Tractors prior to unit #02706
	70922763	1	CAPSCREW, 3/8" NC x 1"	
	70677006	1	WASHER, plain	
4	70664060	1	ANGLE	
	70921175	1	CAPSCREW, 1/2" NC x 1"	
	70912441	1	WASHER, plain	
5	70927385	4	CLAMP	
6	70922763	2	CAPSCREW, 3/8" NC x 1"	
	70677006	2	WASHER, plain	
7	70921076	2	CAPSCREW, 3/8" NC x 1-1/4"	Tractors prior to unit #02706
	70044973	4	WASHER, plain	
	70911026	2	NUT, 3/8" NC	
	70921175	2	CAPSCREW, 1/2" NC x 1"	Tractors unit #02706 and up
	70677008	2	WASHER, plain	
8	----------	2	CYLINDER ASSY. (See H-16)	



BRAKE VALVE

USAGE: See I-4

ITEM	PART NO.	QTY	DESCRIPTION
			NOTE: All quantities are for one (1) Valve Assembly only.
	70651467	2	VALVE ASSY. (Includes items 1 thru 24)
	70920582	8	CAPSCREW, 1/2"NC x 1-1/4"
	70924864	3	CAPSCREW, 1/2"NC x 2-1/4"
	70912441	11	LOCKWASHER, 1/2"
1	70651451	1	SPOOL
2	70623195	1	BOOT
3	70921912	1	CLAMP, hose, 1-1/16" to 2" diam.
4	70921913	1	CLAMP, hose, 1-13/16" to 2-3/4" diam.
5	70623197	1	SEAL
6	70623489	1	WASHER
7	70623198	1	SEAL
8	70623202	1	HOUSING
	70908944	2	PLUG, pipe, hex-socket-hd., 1/2 NPT
9	70651464	1	PISTON
10	70623206	2	RING
11	70623203	1	RETAINER
12	70623204	1	SPRING
13	70623207	1	ROD
14	70623196	1	GASKET
15	70623205	1	RETAINER
16	70614478	4	CAPSCREW, 1/2"NF x 1-3/4"
	70912441	4	LOCKWASHER, 1/2"

(Continued)

BRAKE VALVE (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
17	0623211	1	SEAT
18	0628019	1	VALVE
19	0623210	1	SPRING
	0911982	1	WASHER, plain
20	0638563	1	CAP
21	0638561	1	CAPSCREW
	0911048	1	NUT, jam, 3/8-NF
22	0643148	1	GASKET
23	0638562	1	CAP
24	0923575	2	O-RING

NOTICE

Allis-Chalmers Corporation and Fiat S. p. A. entered into a joint venture agreement to combine their manufacture, sale and service of construction machinery products throughout the world after January 1, 1974.

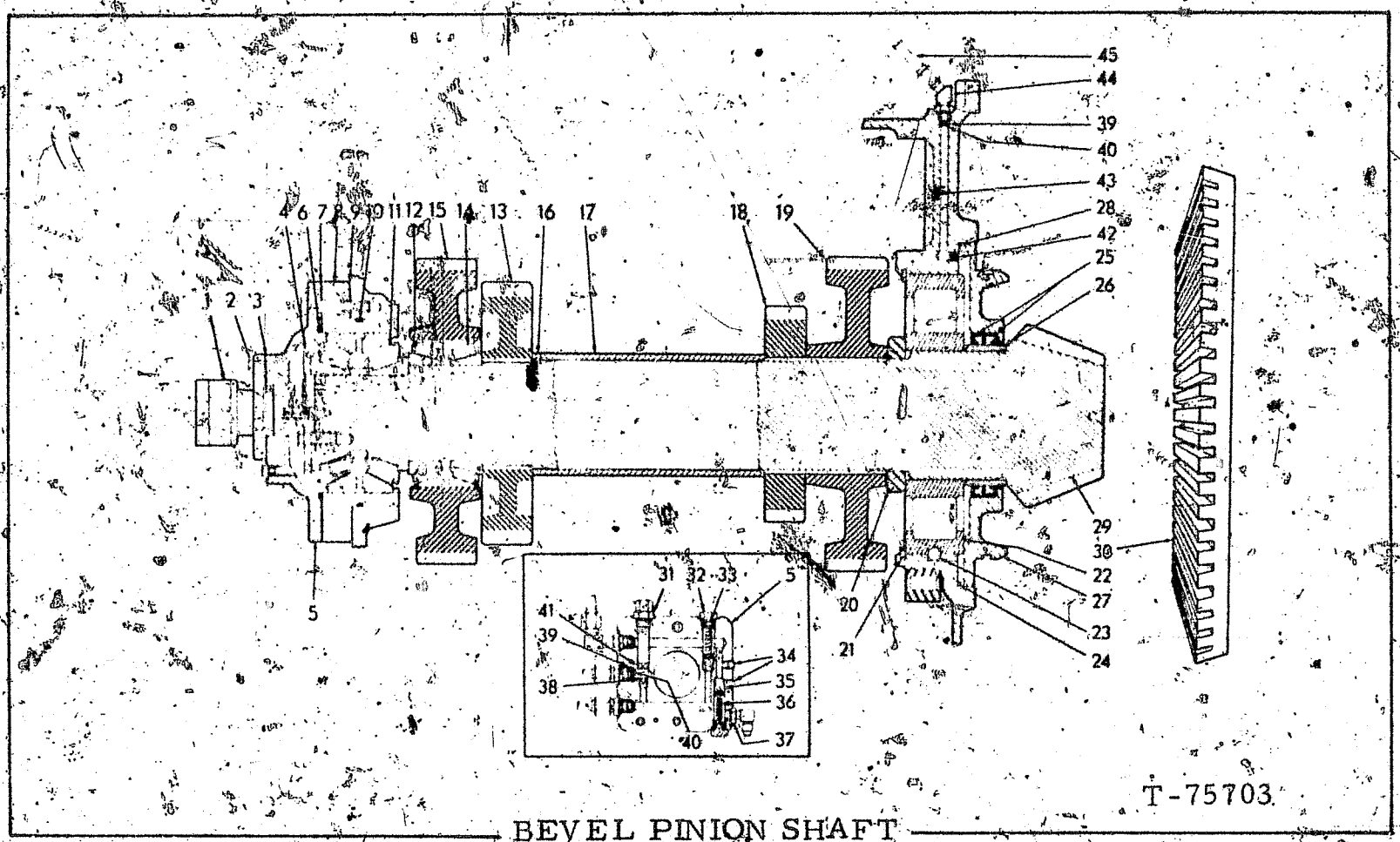
In view of the new enterprise, wherever in this publication reference is made to Allis-Chalmers or your Allis-Chalmers dealer, such reference is intended to identify Fiat-Allis Construction Machinery, Inc. or your Fiat-Allis dealer.

Also, for this new enterprise, a new series of 8-digit part numbers is in effect. This change is accomplished by eliminating the "check digit" wherever it may appear, and then, to this basic part number, prefixing a "7" (or "7" plus one or more zeros) to make a full 8-digit part number.

Examples:

667367 becomes 70667367
0688917-4 becomes 70688917
3060101-7 becomes 73060101

All part numbers listed herein must be changed per the above formula before ordering.



BEVEL PINION SHAFT

USAGE: See E-16. Service replacement for units if transmission modification has been made to install larger Rear Pinion Bearing.

ITEM	PART NO.	QTY.	DESCRIPTION
1	--------	1	PUMP ASSY. (See F-15)
2	70921566	4	CAPSCREW, 5/16"NC x 1"
3	70672466	1	GASKET
4	70676116	1	RETAINER
	70191034	3	CAPSCREW, 1/2"NF x 1-1/4"
5	73107710	1	RETAINER (If for first replacement on transmissions prior to #3D8250; also order items 8 and 11)
	70922510	12	CAPSCREW, 1/2"NC x 2-3/4"
6	70929445	1	O-RING
7	70687441	2	SHIM (.005" thick) } Use as required
	70687442	2	SHIM (.007" thick) } Use as required
	70687443	2	SHIM (.020" thick) } Use as required
8	73107709	1	SUPPORT (If for first replacement on transmissions prior to S/N #3D8250; also order items 5 and 11)
9	70657464	6	SHIM (.005" thick) } Use as required
	70657465	6	SHIM (.007" thick) } Use as required
	70657466	6	SHIM (.929" thick) } Use as required
10	70930780	1	O-RING
11	73107708	1	BEARING (Includes 1 cup, 2 rollers and 1 spacer) (If for first replacement on transmissions prior to S/N #3D8250; also order items 5 and 8)
12	73034873	2	SNAP RING
13	70657472	1	GEAR
14	70657469	1	BEARING (Includes 1 cup, 2 rollers and 1 spacer)
15	70657471	1	GEAR
16	70681103	1	PIN

(Continued)

(Added August 1980)

BEVEL PINION SHAFT (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
17	70657494	1	SPACER ASSY. (Includes item 16)
18	70657492	1	GEAR
19	70657493	1	GEAR
20	73113471	1	SPACER
21	73113475	1	RING
22	73113465	1	BEARING, roller
23	73113394	1	PIN
24	73113476	1	RING
25	73113464	2	SEAL
26	73113466	1	SLEEVE
27	73113473	1	RETAINER
	70921569	12	CAPSCREW, 7/16"NC x 1-1/4"
28	70926178	1	O-RING
29	73112569	1	PINION
30	70652308	1	GEAR
31	70926292	1	CONNECTOR, flare type, 1/4" tube, 9/16" male end (Includes O-RING)
	70921885	1	O-RING
32	70677474	2	PLUG
	70929457	2	O-RING
33	70680403	-	SHIM (Use as required)
34	70188168	2	PLUG
35	70677470	2	PISTON
36	70638887	2	SPRING
37	70923540	1	ELBOW, flare type, 90°, 1/4" tube, 7/16"NF male
	70929450	1	O-RING
38	70680402	1	PLUG
39	70680404	2	SPRING
40	70639939	2	FILTER
41	70680401	1	PLUG
42	70655636	1	PLUG
43	70695811	1	PLUG
44	73113470	1	FITTING
	70929457	1	O-RING
45	----------	1	TUBE (See E-18)

(Added August 1980)

FOR NEW PART NUMBERS INTRODUCED ON THIS FICHE ISSUANCE SEE GRID L-1, L-2

ALPHABETICAL INDEX

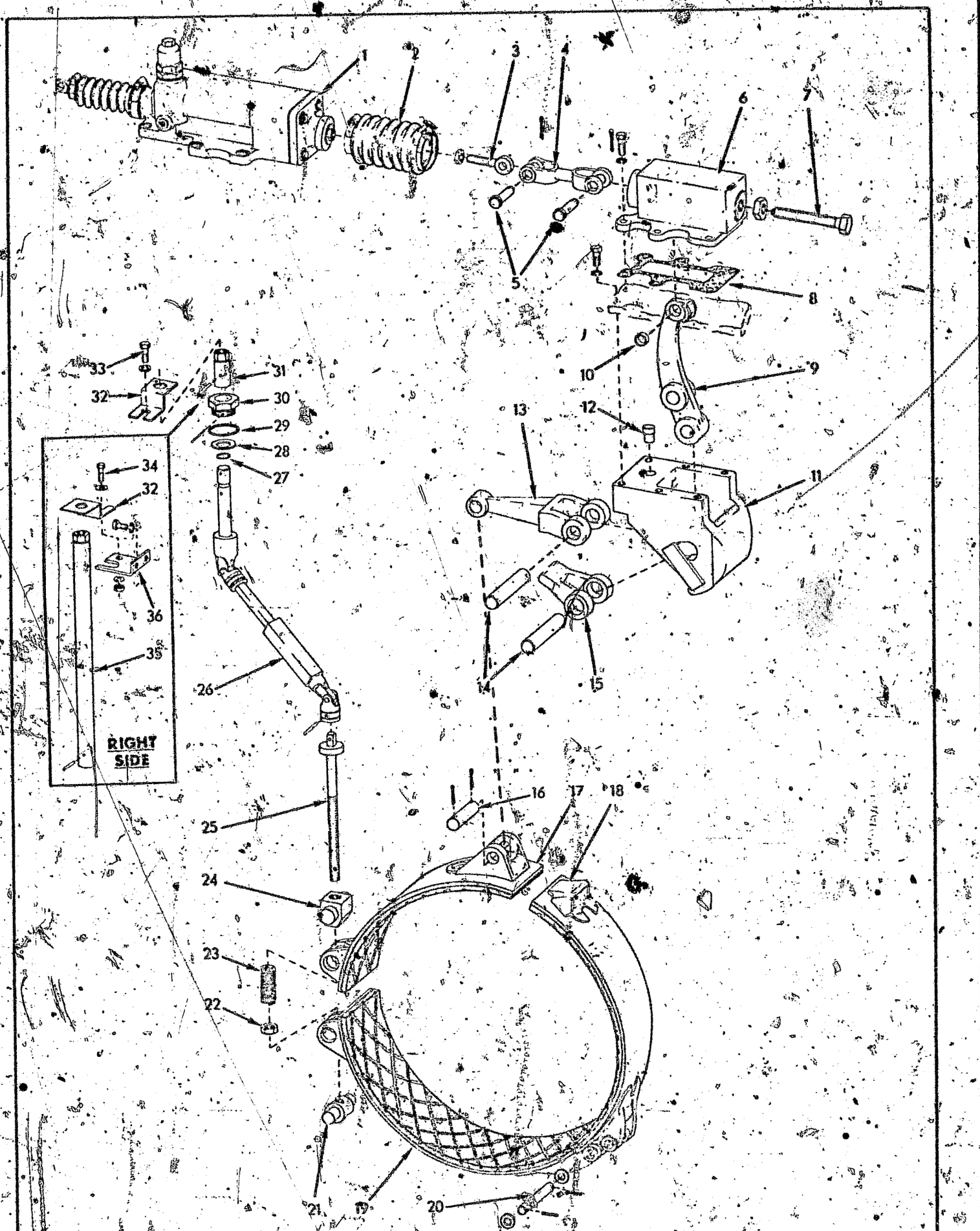
	Grid
Air Cleaner	1 G-7
Air Cleaner Mounting	1 C-5
Alternator	2 B-13
Auxiliary Valve Control	2 F-19,F-21
Batteries & Cables	2 B-8
Battery Box	2 B-10
Bevel Gear Shaft	1G-9, 1H-23
Brakes	1 I-3
Brake Controls	1 H-15
Brake Cylinder (Safety Brake)	1 I-10
Brake Drum	1 G-14
Clutch & Shaft Assembly	
Forward & Reverse	1 F-3
1st & 2nd Range	1 F-9
3rd Range	1 F-12
Control Valve & Return Lines (Dozer, Ripper, Tilt)	2 E-13
Parts	2 E-17,E-19
Counterweight	2 C-5
Cowl	1 J-16
Crankcase Guards	1 I-14
Cylinders (Hydraulic)	
Dozer	2 D-8
Ripper	2 F-9
Piping	2 F-11,F-17
Tilt	2 D-3
Cylinder Mounting & Piping (Dozer)	2 D-4
Decelerating Brake	1 H-19
Dozer Oil Pump Lines	2 D-18
Dozer Pusher Frame	2 D-12
Drawbar	1 K-5
Elements	
Air Cleaner	1 C-7
Engine Oil Filter (By-Pass)	1 B-14
Fuel Filter	1 B-13
Hydraulic Tank	2 E-9
Lube Oil	1 B-13
Steering Oil Filter	1 F-24
Transmission Oil Filter	1 F-24
Water Filter	1 B-13
Engine Breather Hose	1 B-13
Engine Controls	1 C-9
Engine & Mounting	1 B-9
Exhaust Pipes	1 C-3
Fan (Front)	1 D-3
Fan (Rear)	1 D-10
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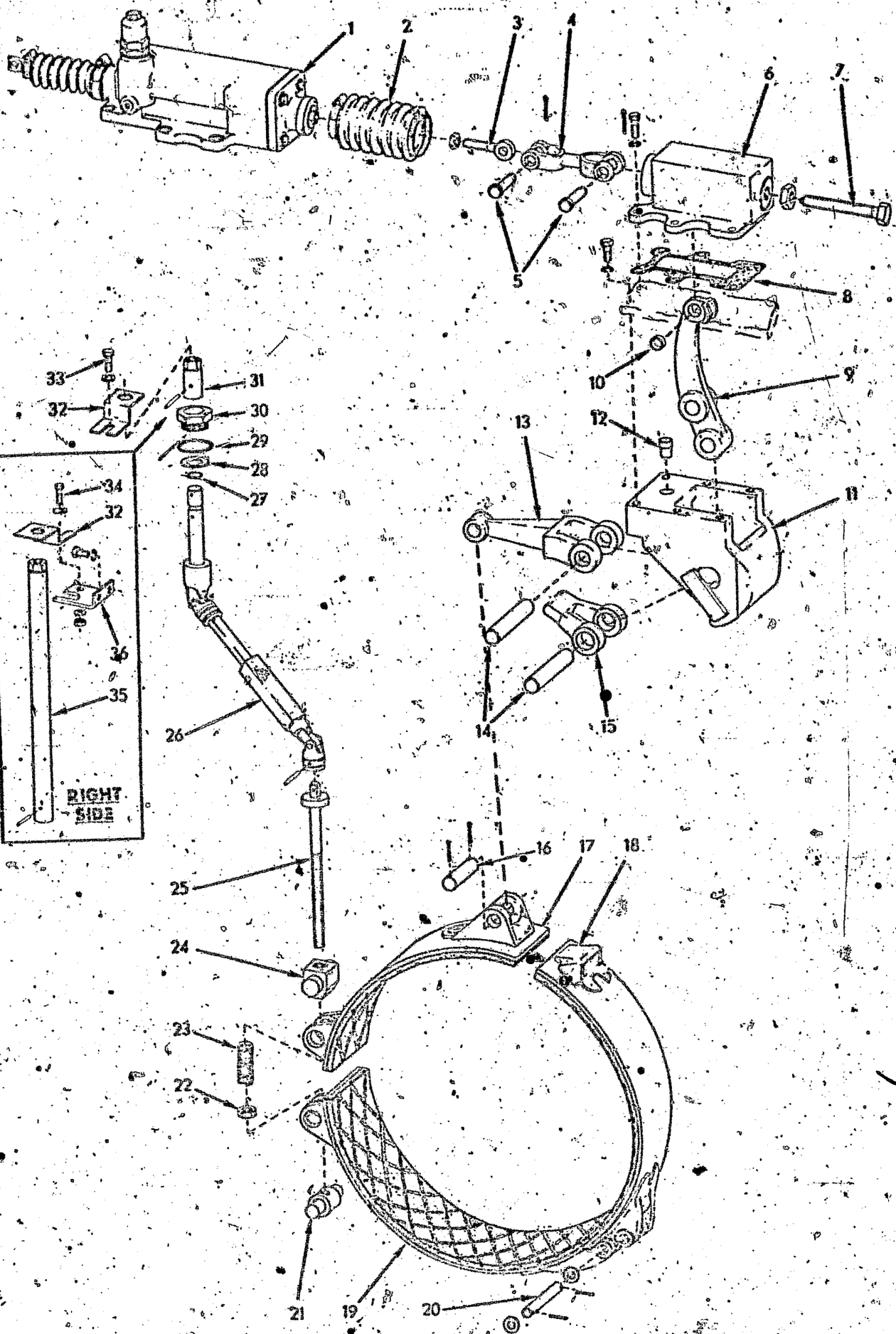
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RIGHT SIDE
T-75933

BRAKES

ITEM	PART NO.	QTY.	DESCRIPTION
1	----------	2	VALVE ASSY. (See I-20 for parts)
2	70623138	2	BOOT
	70921913	2	CLAMP, 1-13 lb. x 2-3/4" diam.
	70921914	2	CLAMP, 2-5 lb. x 3-1/4" diam.
3	70638818	2	EYE
	70910847	2	NUT, jam, 5/4 NF
4	70623140	2	ROD
5	70623139	4	PIN
	70910302	4	PIN, cotter, 5/32" x 1-1/4"
6	70652180	1	COVER, left side
	70920582	6	CAPSCREW, 1/2" NC x 1-1/8"
	70677008	6	WASHER, plain
	70690566	1	COVER, right side
	70901633	1	PLUG, pipe, 3/8" NPT
	70920582	6	CAPSCREW, 1/2 NC x 1-1/8
	70677008	6	WASHER, plain
7	70652068	1	SCREW } Left side only
	70911038	1	NUT, jam, 1" NC }
8	70623136	2	GASKET
9	70633193	2	LEVER (Includes item 10)
10	70623164	2	BUSHING
11	70638577	2	BRACKET ASSY. (Includes item
	70921535	12	CAPSCREW, 5/8" NC x 3-3/4
	70677008	12	WASHER, plain
12	70623169	2	PIN
13	70633194	2	YOKE
14	70623131	4	PIN
15	70623137	2	YOKE
16	70623132	2	PIN
	70900808	2	PIN, cotter, 1/8" x 1-1/2"
17	70684412	2	BAND ASSY. (Includes bonded lining) } Refer to item 37
18	70684414	2	BAND ASSY. (Includes bonded lining) }
19	70684415	2	BAND ASSY. (Includes bonded lining) }
20	0623130	2	PIN
	0912900	4	WASHER, plain
	0900806	4	PIN, cotter, 1/8" x 1"
21	0653494	2	PIN
22	0623179	2	NUT

(Continued)

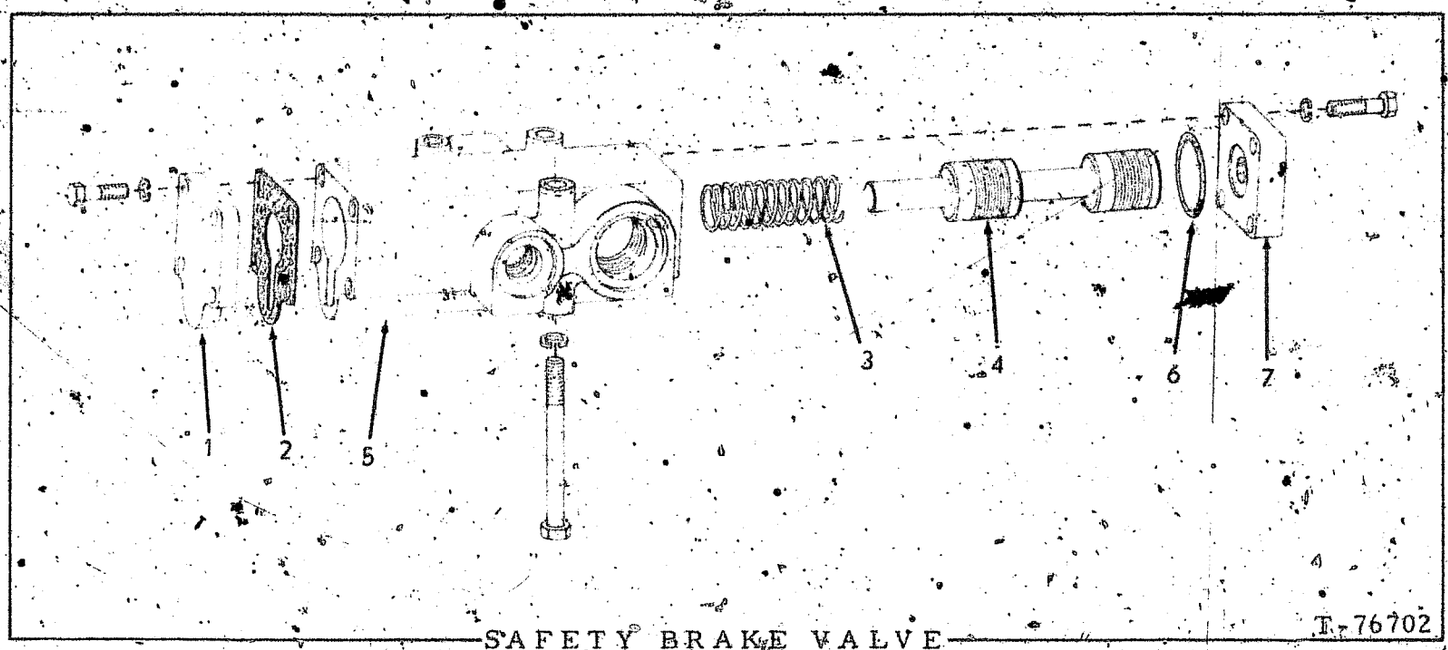

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RIGHT SIDE

T-75933

BRAKES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
23	70623180	2	SPRING
24	70652212	2	PIN
25	70652211	2	SCREW
26	70652245	2	DRIVE
	70920335	2	PIN, spring, 5/32" x 1-1/8" (upper)
	70921330	2	PIN, spring, 7/32" x 1-1/8" (lower)
27	70923379	2	O-RING
28	70910883	2	WASHER
29	70623144	2	GASKET
30	70652247	2	SLEEVE
31	70674493	1	TUBE
	70920319	1	PIN, spring, 7/32" x 1-3/8"
32	70652251	2	LOCK
33	70922526	1	CAPSCREW, 1/2"NC x 2-1/2"
	70677008	1	WASHER, plain
34	70921076	1	CAPSCREW, 3/8"NC x 1-1/4"
	70677006	1	WASHER, plain
	70910287	1	LOCKWASHER, 3/8"
	70911026	1	NUT, 3/8"NC
35	70652248	1	TUBE
	70920319	1	PIN, spring, 7/32" x 1-3/8"
36	70653347	1	ANGLE
	70927216	2	CAPSCREW, 1/2"NC x 7/8"
	70677008	2	WASHER, plain
37	73117504	2	LINING KIT, brake (Each includes linings and instructions sheet sufficient to service one side only)

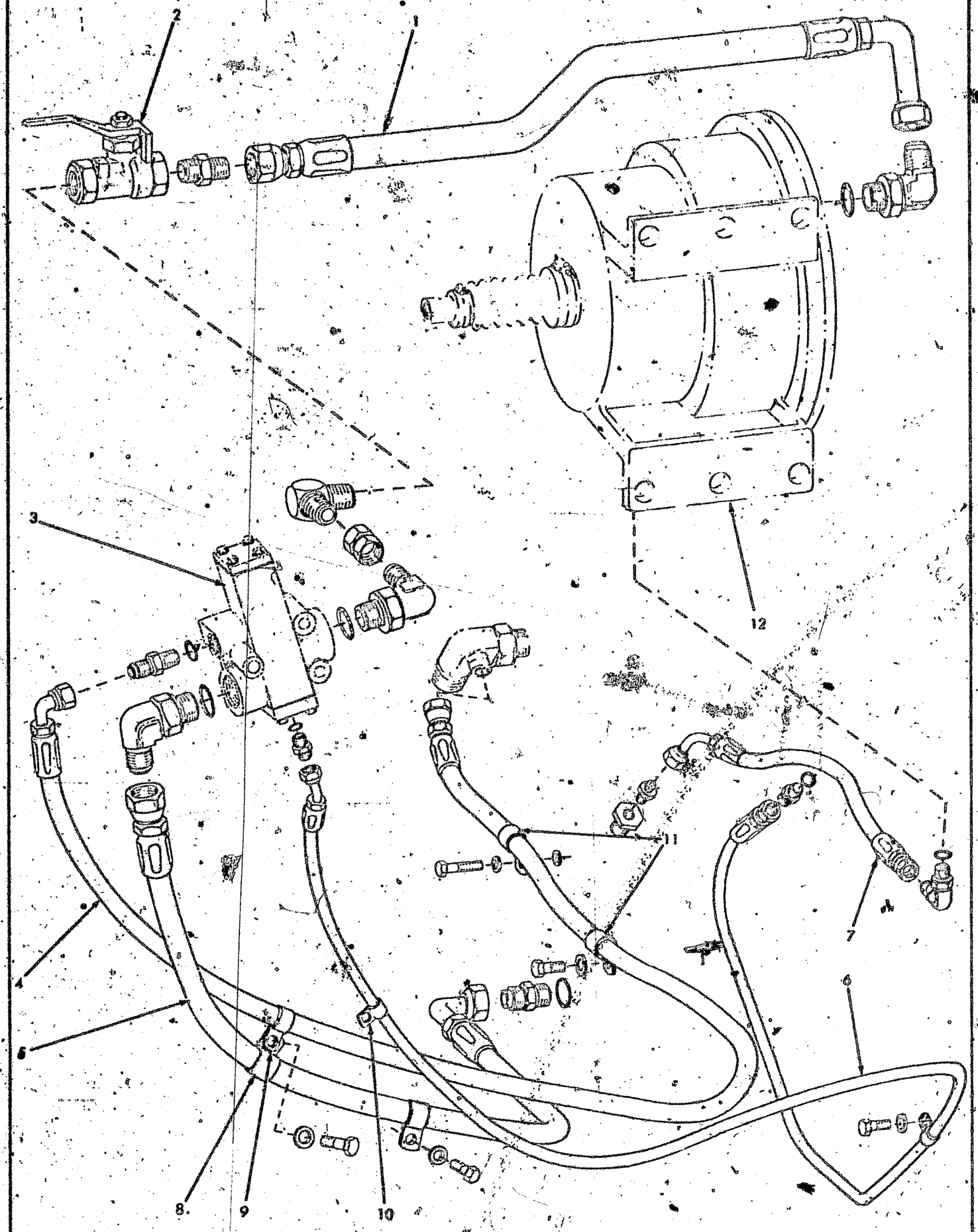
(Revised June 1979)



SAFETY BRAKE VALVE T-76702

USAGE: See I-9

ITEM	PART NO.	QTY.	DESCRIPTION
	70658713	1	VALVE ASSY. (Includes items 1 thru 7)
	70924843	3	CAPSCREW, 3/8"NC x 3-1/2"
	70910287	3	LOCKWASHER, 3/8"
1	70658708	1	COVER
	70921566	4	CAPSCREW, 5/16"NC x 1"
	70910286	4	LOCKWASHER, 5/16"
2	70658706	1	GASKET
3	70081403	1	SPRING
4	70658709	1	PLUNGER
5	70658705	1	HOUSING
6	70923570	1	O-RING
7	70669905	1	COVER
	70921422	4	CAPSCREW, 5/16"NC x 1-1/8"
	70910286	4	LOCKWASHER, 5/16"

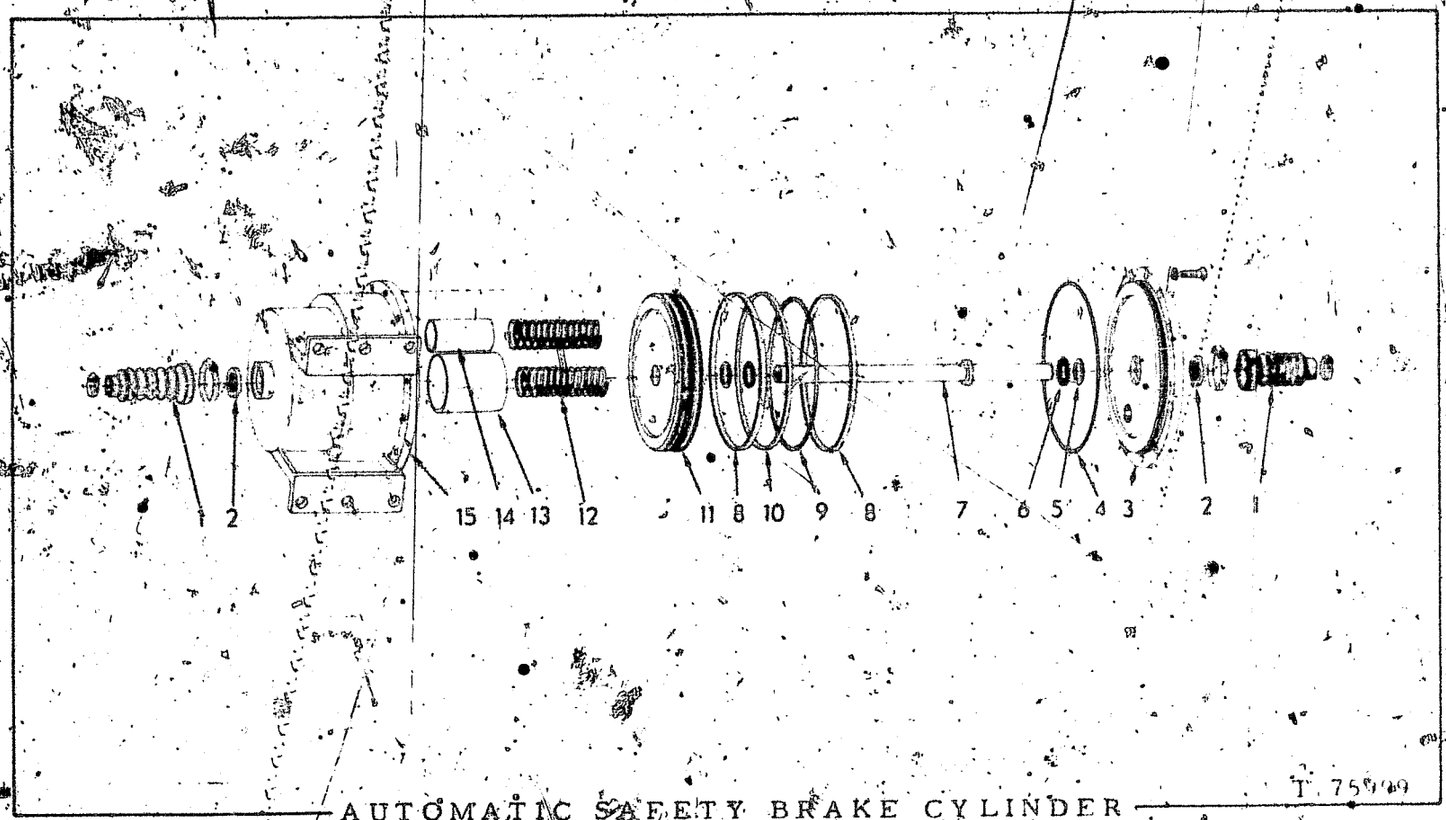


T-75997

SAFETY BRAKE VALVE LINES

SAFETY BRAKE VALVE LINES

ITEM	PART NO.	QTY.	DESCRIPTION
1	70667031	1	HOSE (See HOSE PARTS)
	70919064	1	CONNECTOR, flare type, 1" tube, 1"NPT male
	70921227	1	ELBOW, adjustable, 90°, flare type, 1" tube, 1-5/16" straight male thread (Includes washer, nut and O-RING)
	70921214	1	O-RING
2	70671974	1	VALVE
	70925034	1	ELBOW, 90°, 1"NPT male ends
	70927262	1	UNION, flare type, 1-5/16" tube, 1"NPT
3	-------	1	VALVE ASSY. (See I-7)
	70921227	1	ELBOW, adjustable, 90°, flare type, 1" tube, 1-5/16", straight male thread (Includes washer, nut and O-RING)
	70921214	1	O-RING
4	70658762	1	HOSE (See HOSE PARTS)
	70921409	1	CONNECTOR, flare type, 1/2" tube, 3/4"NF male end (Includes O-RING)
	0921349	1	O-RING
5	70653379	1	HOSE (See HOSE PARTS)
	70921227	1	ELBOW, adjustable, 90°, flare type, 1" tube, 1-5/16" straight male thread (Includes washer, nut and O-RING)
	70921228	1	CONNECTOR, flare type, 1" tube, 1-5/16" straight male thread (Includes O-RING)
	70921214	2	O-RING
6	70669991	1	HOSE (See HOSE PARTS)
	70923163	2	CONNECTOR, flare type, 1/4" tube, 7/16"NF male end (Includes O-RING)
	70921883	2	O-RING
7	70670164	1	HOSE (See HOSE PARTS)
	70919172	1	CONNECTOR, flare type, 3/8" tube, 3/8"NPT male
	70904239	1	BUSHING, 3/4"NPT to 3/8"NPT
	70922523	1	ELBOW, adjustable, 90°, flare type, 3/8" tube, 9/16"NF (Includes washer, nut and O-RING)
	70921885	1	O-RING
8	70927311	2	CLIP
	70922763	1	CAPSCREW, 3/8"NC x 1"
	70677006	1	WASHER, plain
9	70927386	1	CLIP
	70921175	1	CAPSCREW, 1/2"NC x 1"
	70677008	1	WASHER, plain
10	70927177	2	CLIP
	70922300	1	CAPSCREW, 3/8"NC x 3/4"
	70677006	1	WASHER, plain
11	70927386	2	CLIP
	70920660	1	CAPSCREW, 5/16"NC x 1-1/2"
	70677005	2	WASHER, plain
	70922300	1	CAPSCREW, 3/8"NC x 3/4"
	70677006	1	WASHER, plain
12	-------	1	CYLINDER ASSY. (See AUTOMATIC SAFETY BRAKE CYLINDER)



T 75909

AUTOMATIC SAFETY BRAKE CYLINDER

USAGE: See H-16 and I-9

ITEM	PART NO.	QTY.	DESCRIPTION
-	0676813	1	CYLINDER ASSY. (Includes items 1 thru 15)
1	0652241	2	BOOT
	0921912	2	CLAMP, hose, 1-1/16" to 2" diam.
	0921913	2	CLAMP, hose, 1-13/16" to 2-3/4" diam.
2	0623197	2	SEAL
3	0652360	1	COVER
	0920583	12	CAPSCREW, 1/2"NC x 1-1/2"
	0912441	12	LOCKWASHER, 1/2"
4	0925482	1	O-RING
5	0623489	2	WASHER
6	0623198	2	SEAL
7	0652235	1	SHAFT
8	0652238	2	GUIDE RING
9	0925498	1	O-RING
10	0652239	1	RING
11	0652214	1	PISTON
12	0095568	10	SPRING
13	0652237	1	TUBE
14	0652236	9	TUBE
15	0652190	1	HOUSING

NOTICE

Allis-Chalmers Corporation and Fiat S. p. A. entered into a joint venture agreement to combine their manufacture, sale and service of construction machinery products throughout the world after January 1, 1974.

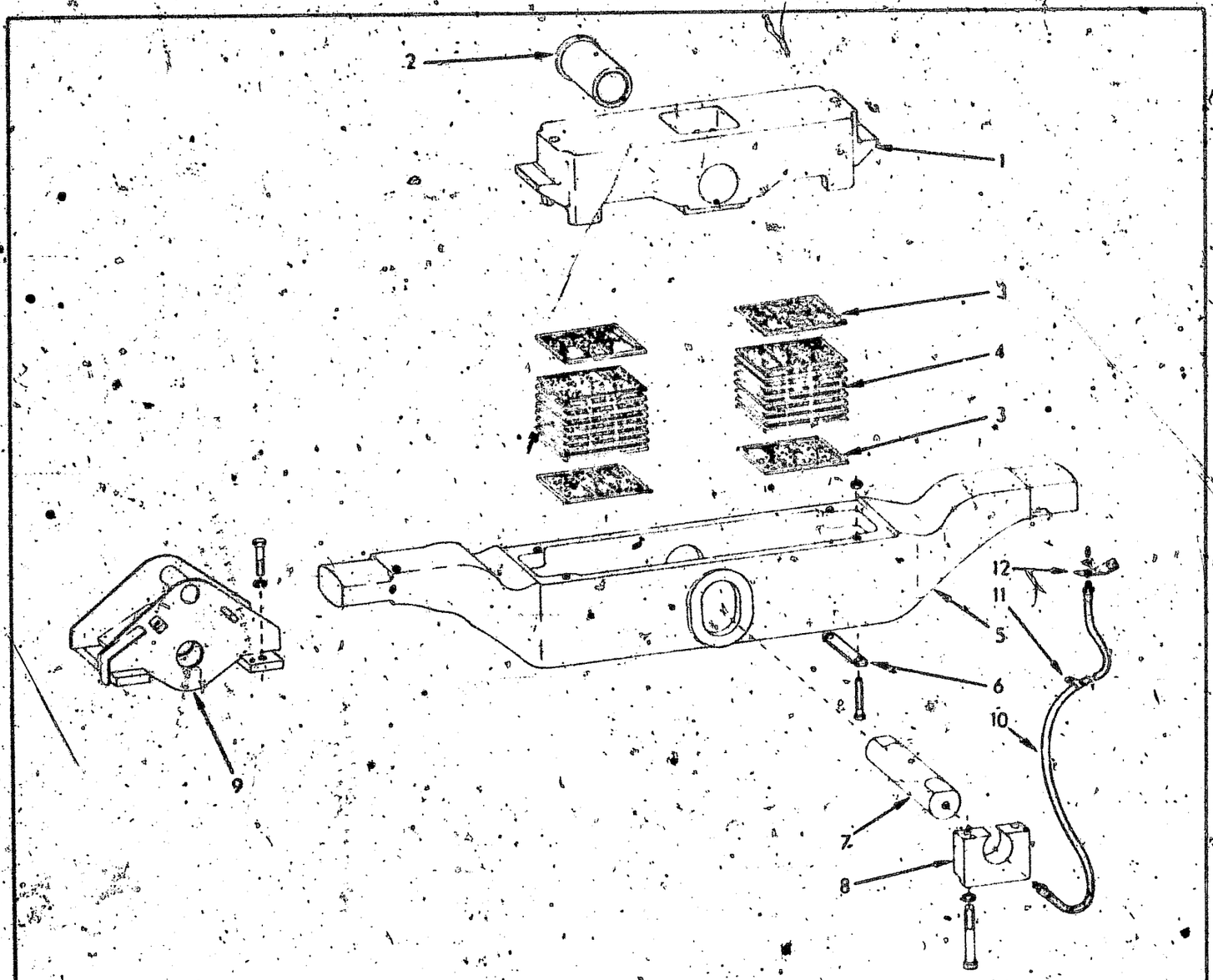
In view of the new enterprise, wherever in this publication reference is made to Allis-Chalmers or your Allis-Chalmers dealer, such reference is intended to identify Fiat-Allis Construction Machinery, Inc. or your Fiat-Allis dealer.

Also, for this new enterprise, a new series of 8-digit part numbers is in effect. This change is accomplished by eliminating the "check digit" wherever it may appear, and then, to this basic part number, prefixing a "7" (or "7" plus one or more zeros) to make a full 8-digit part number.

Examples:

667367	becomes 70667367
0688917-4	becomes 70688917
3060101-7	becomes 73060101

All part numbers listed herein must be changed per the above formula before ordering.



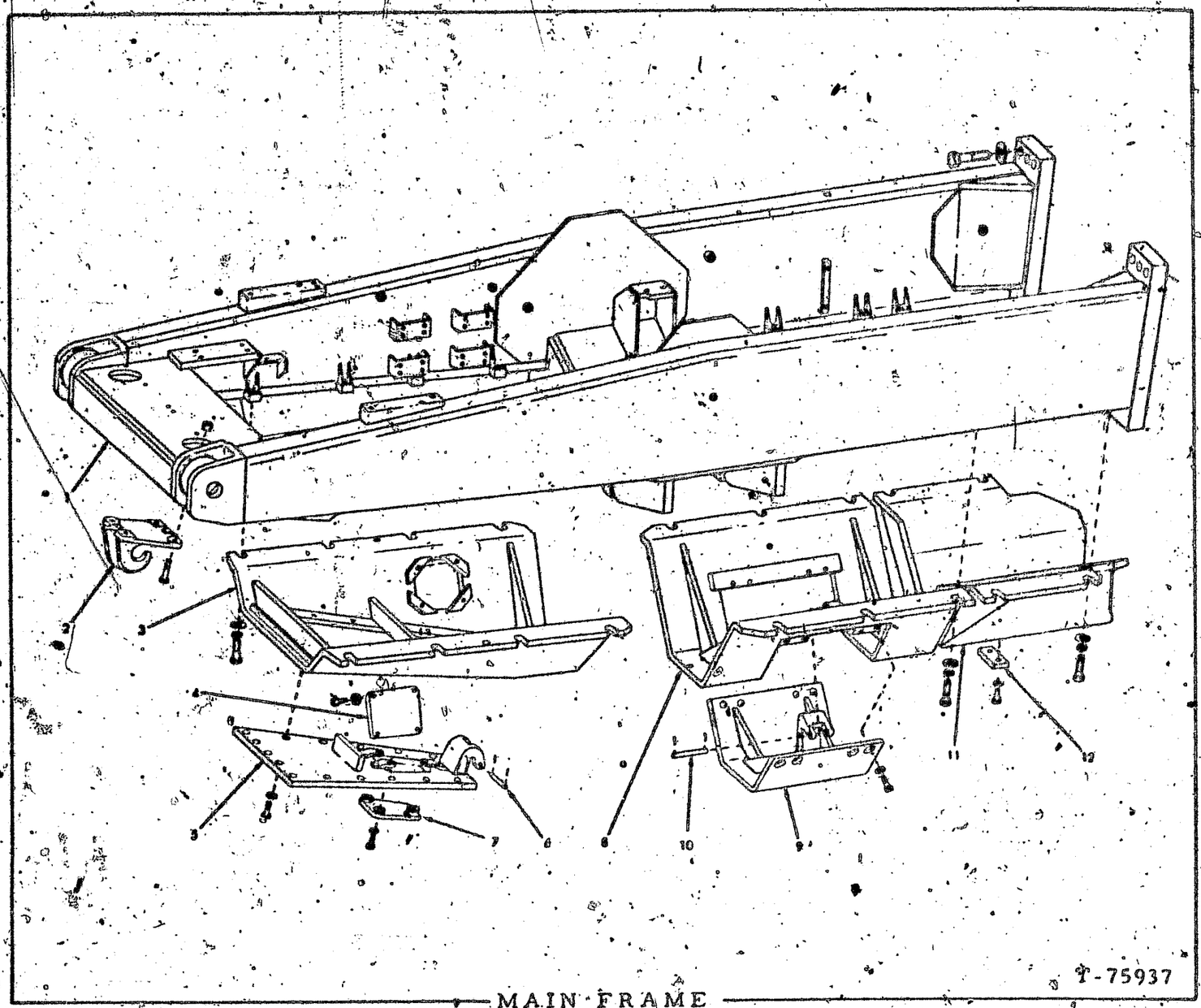
OSCILLATING BEAM

ITEM	PART NO.	QTY.	DESCRIPTION
1	70652115	1	HOUSING ASSY. (Includes item 2)(Tractors prior to unit #01420)
	70677362	1	HOUSING ASSY. (Includes item 2)(Tractors unit #01420 and up)
2	70652117	2	BUSHING (4-1/2" long)(Tractors prior to unit #02806)
	70687242	1	BUSHING (9" long)(Tractors unit #02806 and up)
3	70653182	4	PAD
4	70653181	16	PAD
5	70663702	1	BEAM (Tractors prior to unit #01420)
	70677358	1	BEAM (Tractors unit #01420 and up)

(Continued)

OSCILLATING BEAM (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
6	70653366	2	BLOCK	
	70924623	4	CAPSCREW, 3/4"NC x 4-1/2"	
	70910923	4	NUT, 3/4"NC	
7	70652118	1	PIN (Tractors prior to unit #02806)	
	70687435	1	PIN (Tractors unit #02806 and up)	
8	70099214	2	CAP	
	70926557	4	CAPSCREW, 1-1/4"NF x 8"	
	70928653	4	WASHER, plain	
9	70669281	1	SADDLE, left	
	70669282	1	SADDLE, right	
	70922859	8	CAPSCREW, 1"NC x 4"	
	70914728	8	LOCKWASHER, 1"	
10	70687448	1	HOSE, pivot pin lubricating	Effective with tractors unit #02806
	70911036	1	NUT, jam, 5/8"NC	
	70914465	1	FITTING, lubricating, straight, 1/8"NPT	
11	70926707	2	CLIP, hose supporting	
	70922300	1	CAPSCREW, 3/8"NC x 3/4"	
	70677006	1	WASHER, plain	
12	70687444	1	ANGLE, hose supporting	

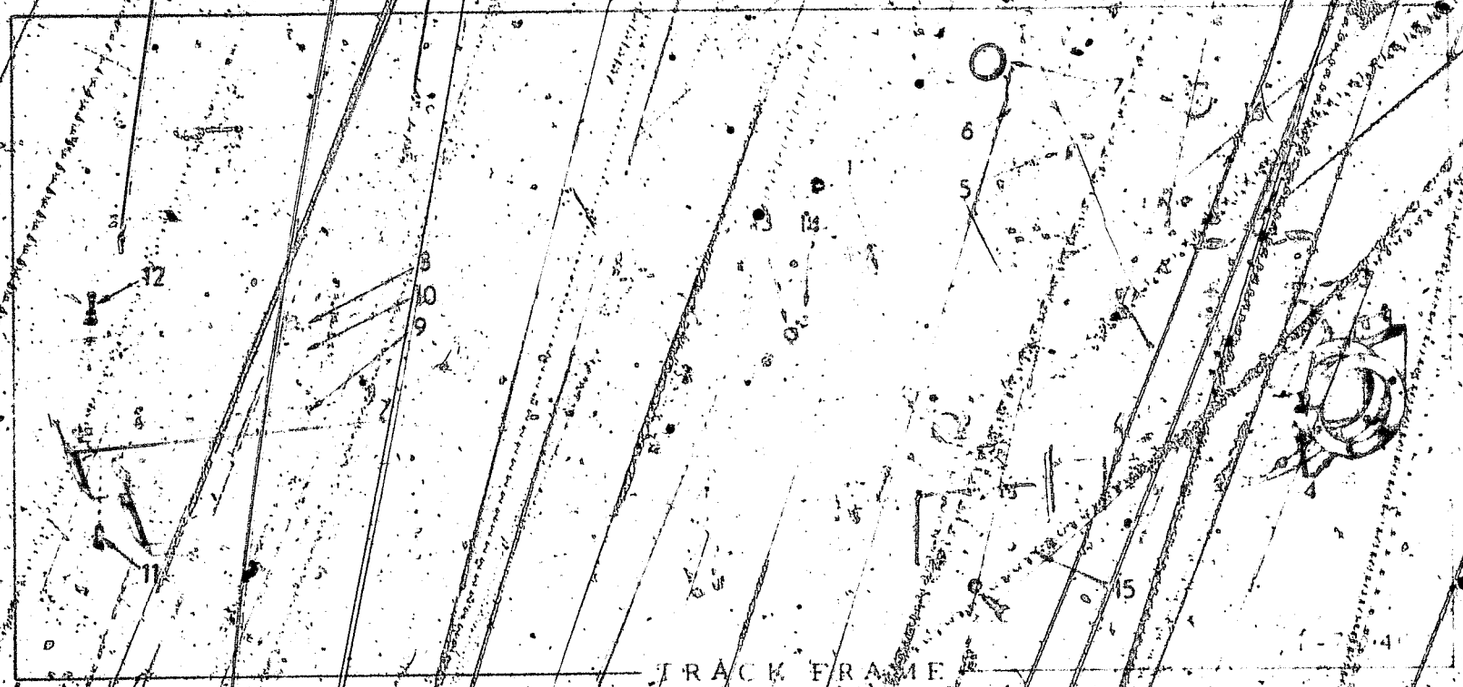


MAIN FRAME

MAIN FRAME

* Tractors prior to serial No. 99A02029
** Tractors serial No. 99A02029 and up

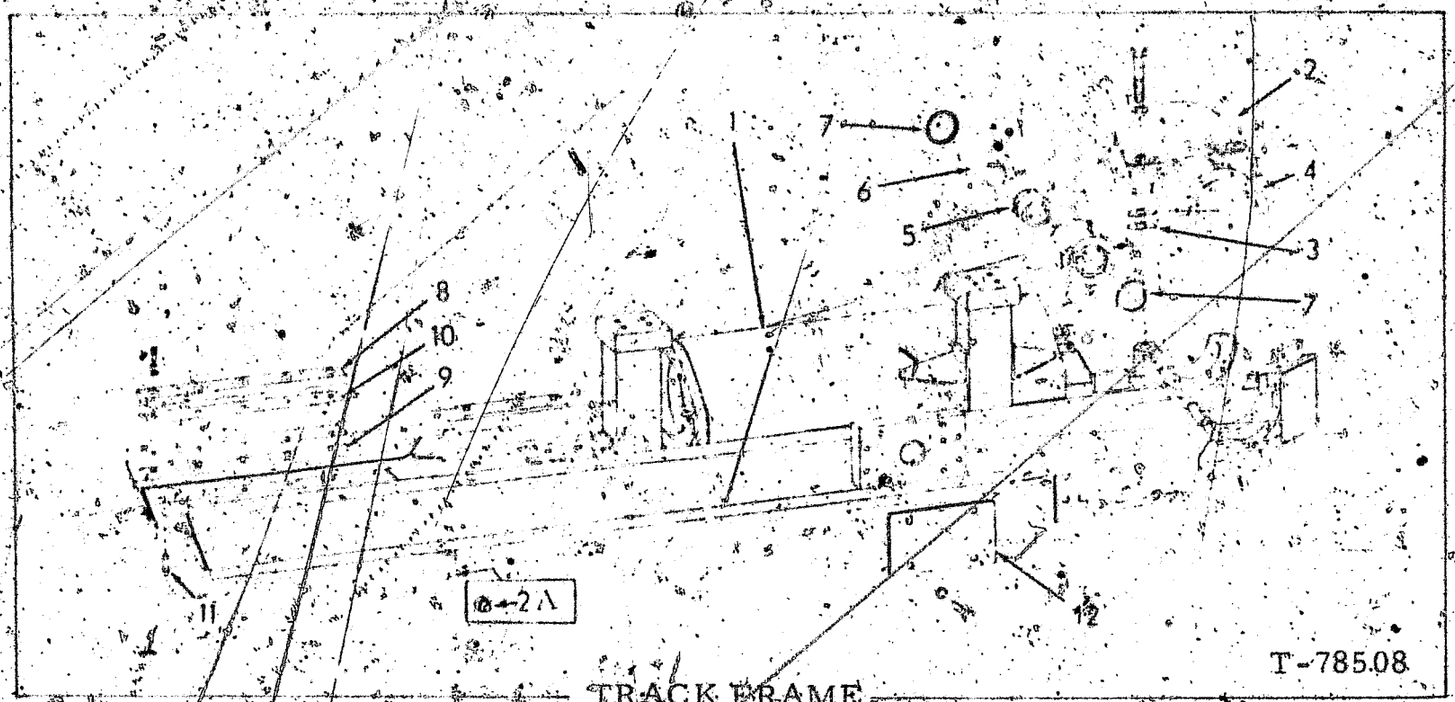
ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION
1	70662932	1	-	FRAME
	70690166	-	1	FRAME
	70638139	12	12	CAPSCREW
	70927662	12	12	WASHER, plain
2	70040503	1	1	HOOK
	70926260	4	4	CAPSCREW, 7/8"NF x 3-1/4"
	70070400	4	4	NUT, high, 7/8"NF
3	70653381	1	-	GUARD (Includes item 4) } Not used on units
	70681466	-	1	GUARD (Includes item 4) } with 4 IHC dozer
	70925431	8	14	CAPSCREW, 1"NC x 3-1/4"
	70914728	8	-	LOCKWASHER, 1"
	70095951	8	-	WASHER, plain
	70680399	-	14	WASHER, plain
4	70671361	1	1	PLATE
	70922743	4	4	CAPSCREW, 3/4"NC x 2"
	70061689	4	4	WASHER, plain
5	70671228	1	1	PLATE (Includes item 7)
	70921411	15	15	CAPSCREW, 5/8"NC x 1-1/2"
	70900703	15	15	WASHER, plain
6	70671222	1	1	PIN
	70900808	2	2	PIN, cotter, 1/8" x 1-1/2"
7	70659544	1	1	COVER
	70920582	3	3	CAPSCREW, 1/2"NC x 1-1/4"
	70912441	3	3	LOCKWASHER, 1/2"
8	70653391	1	-	GUARD } Each includes item 9 and 10
	70681468	-	1	GUARD } Each includes item 9 and 10
	70925431	6	10	CAPSCREW, 1"NC x 3-1/4"
	70914728	6	-	LOCKWASHER, 1"
	70095951	6	-	WASHER, plain
	70680399	-	10	WASHER, plain
9	70671231	1	1	COVER
	70921411	8	8	CAPSCREW, 5/8"NC x 1-1/2"
	70900703	8	8	WASHER, plain
10	70671222	1	1	PIN
	70900808	2	2	PIN, cotter, 1/8" x 1-1/2"
11	70653382	1	-	GUARD } Each includes item 12
	70681464	-	1	GUARD } Each includes item 12
	70925431	4	6	CAPSCREW, 1"NC x 3-1/4"
	70914728	4	-	LOCKWASHER, 1"
	70095951	4	-	WASHER, plain
	70680399	-	6	WASHER, plain
12	70642633	1	1	COVER
	70920582	2	2	CAPSCREW, 1/2"NC x 1-1/4"
	70912441	2	2	LOCKWASHER, 1/2"



TRACK FRAME

USAGE: Original equipment with 8.46" O.D. outboard bearing

ITEM	PART NO.	QTY.	DESCRIPTION	
	7069 3053	1	FRAME ASSY., left	Each includes items 1 and
	7069 3054	1	FRAME ASSY., right	
	709 4465	2	FITTING, lubricating, 1/8" NPT	
2	7069 3611	2	CAP KIT (Includes items 3 and 4)	Order from page 114 for track frame converted to 8.46" O.D. bearing
	709 2690 5	4	CAPSCREW, 1-1/2" NC x 7-3/8"	
	709 2643	4	LOCKWASHER, 1-1/2"	
3	706 2212	1	SHIM, cap adjusting (*)	Used with service replacement cap only.
4	7009 7421	4	SHIM, cap adjusting (*)	Use as required.
5	7009 6695	2	BUSHING	
6	7009 6696	2	SHAFT	
7	7066 4304	4	SEAL, grease, pivot shaft	
8	7009 5741	4	BAR, upper	
9	7009 5740	4	BAR, lower	
10	7009 5739	12	SHIM (Use as required)	
11	709 5737	20	DOWEL	
12	709 2155	20	CAPSCREW, 1" NF x 1-1/4"	
	709 2744	20	LOCKWASHER, 1"	
	706 7008	20	WASHER, plain	
13	706 3250	2	PLUG	
14	706 7252	2	GASKET	
15	706 7648	2	PLATE (Bolts on trunnion pad on units equipped with 16 gal. 4 HC dozer)	
	709 2690 4	8	CAPSCREW, 1" NC x 2"	
	709 1472 8	8	LOCKWASHER, 1"	

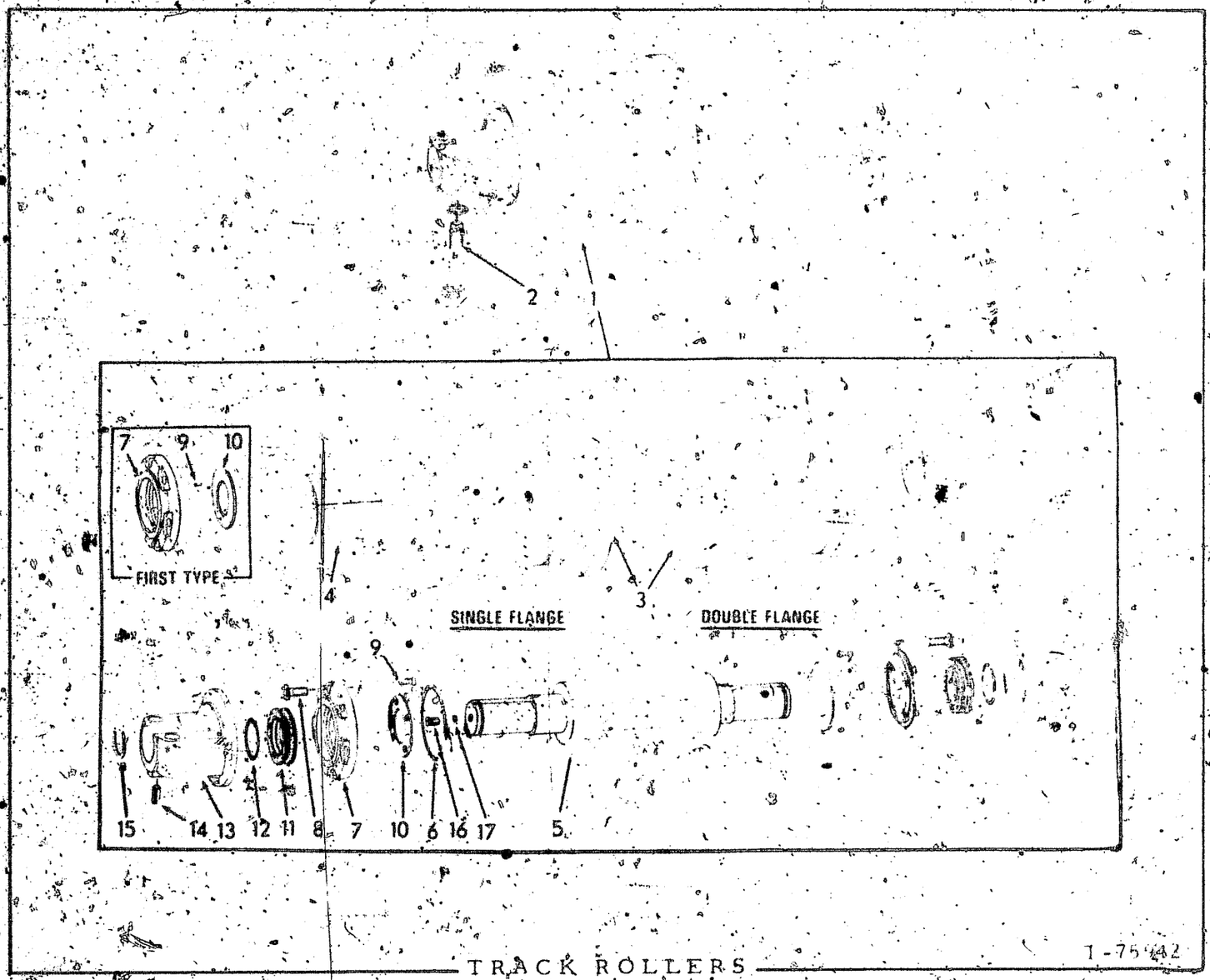


TRACK FRAME

USAGE: Service replacement with 10.62" O.D. outboard bearing (See K-10 for TRACK RELEASE parts)

ITEM	PART NO.	QTY.	DESCRIPTION
1	70686047	1	FRAME ASSY., left } Each includes items 2, 2A and 5
	70686048	1	FRAME ASSY., right }
	70914465	2	FITTING, lubricating, 1/8" NPT
2	70693623	2	CAP KIT (Includes items 3 and 4)
	70926905	4	CAPSCREW, 1-1/2" NC x 7-3/8"
	70912503	4	LOCKWASHER, 1-1/2"
2A	70686106	6	BLOCK, tapped (Requires welding to install)
3	70693609	16	SHIM (.005" thick) } Used with service replacement
4	70689764	4	SHIM (.015" thick) } Cap only. Use as required
5	70096695	2	BUSHING
6	70096696	2	SHAFT
7	70664304	4	SEAL, grease, pivot shaft
8	70095741	4	BAR, upper
9	70095740	4	BAR, lower
10	70095739	2	SHIM (Use as required)
11	70095737	20	DOWEL
	70922155	20	CAPSCREW, 1/2" NF x 1-1/4"
	70912441	20	LOCKWASHER, 1/2"
	70677008	20	WASHER
12	70672648	2	PLATE (Bolts on trunnion pad on units equipped with Model 41HC dozer)
	70926904	8	CAPSCREW, 1" NC x 2"
	70914728	8	LOCKWASHER, 1"

(Added November 1977)



I-75142

TRACK ROLLERS

* Tractors prior to serial No. 99A02729
** Tractors serial No. 99A02729 and up

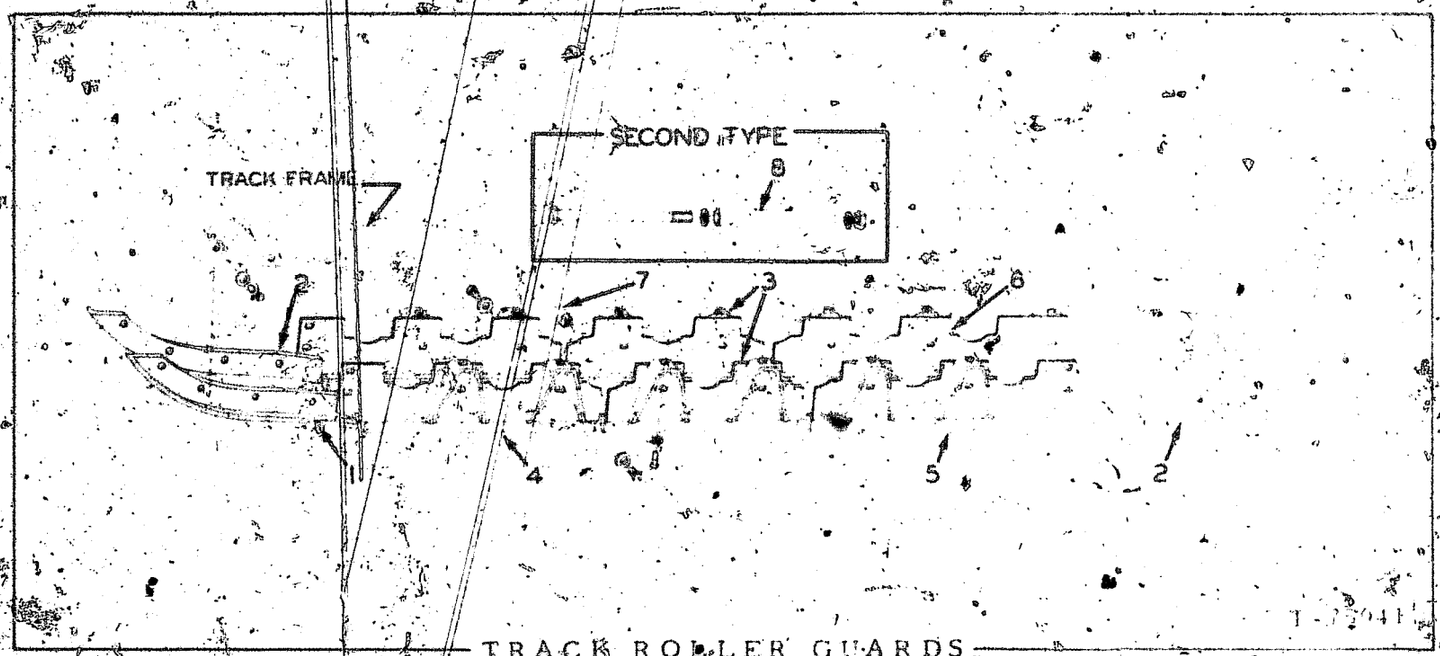
ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION	
1	70666951	6	-	ROLLER ASSY., single-flange	Each includes items 3 thru 14
	70666904	8	-	ROLLER ASSY., double-flange	
	70687751	-	6	ROLLER ASSY., single-flange	Each includes items 3 thru 17 excluding item 14
	70687752	-	8	ROLLER ASSY., double-flange	
2	70926527	56	56	CAPSCREW, 1" NC x 5"	
	70914728	56	56	LOCKWASHER, 1"	
3	70667259	6	6	ROLLER ASSY., single-flange	Each includes item 4
	70666893	8	8	ROLLER ASSY., double-flange	
				NOTE: Quantities listed below are for one (1) roller only	
4	70665361	2	2	BUSHING	

(Continued)

TRACK ROLLERS (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
5	70666937	1	-	SHAFT
	70687749	-	1	SHAFT
6	70923932	2	2	□O-RING
7	70669856	2	-	RETAINER ASSY. (Includes items 9 and 10)(Tractors prior to unit #02040)
	70681799	2	-	RETAINER ASSY. (Includes items 9 and 10)(Tractors unit #02940 thru 02728)
	70684518	-	2	RETAINER ASSY. (Includes items 9 and 10)(Tractors prior to unit #02940)
	70690589	-	2	RETAINER ASSY. (Includes items 9 and 10)(Tractors unit #12940 and up)
8	70669862	12	12	CAPSCREW
9	70681724	8	8	PIN, washer locking (Tractors prior to unit #02940)
	70930307	-	8	SCREW, washer locking (Tractors unit #02940 and up)
10	70666948	2	-	WASHER, thrust } Also order item 9. Requires a grind and drill operation to install.
	70681723	-	2	WASHER, thrust (Tractors prior to unit #02940) } Also order item 9. Requires a grind and drill operation to install.
	70690587	-	2	WASHER, thrust (Tractors unit #02940 and up)
11	70666949	2	2	□SEAL
12	70923584	2	2	□O-RING
13	70666903	2	-	CAP
	70687747	-	2	CAP
14	70922419	2	-	PIN, spring (1/2" x 1-1/8")
15	70687748	-	2	RING, snap
16	70689291	-	1	PLUG, shaft (sq.-socket, 3/4" NF)
17	70923847	-	1	O-RING, plug
18	70667270	1	1	KIT, seal (Includes parts for one (1) roller only, items 6, 11 and 12)(Not illustrated)
19	70690648	1	1	KIT, seal (Includes 2 sealing washers, 1 retaining band sufficient to service 1 Seal Assy.)(Not illustrated)

□Components of item 18



T-7041

TRACK ROLLER GUARDS

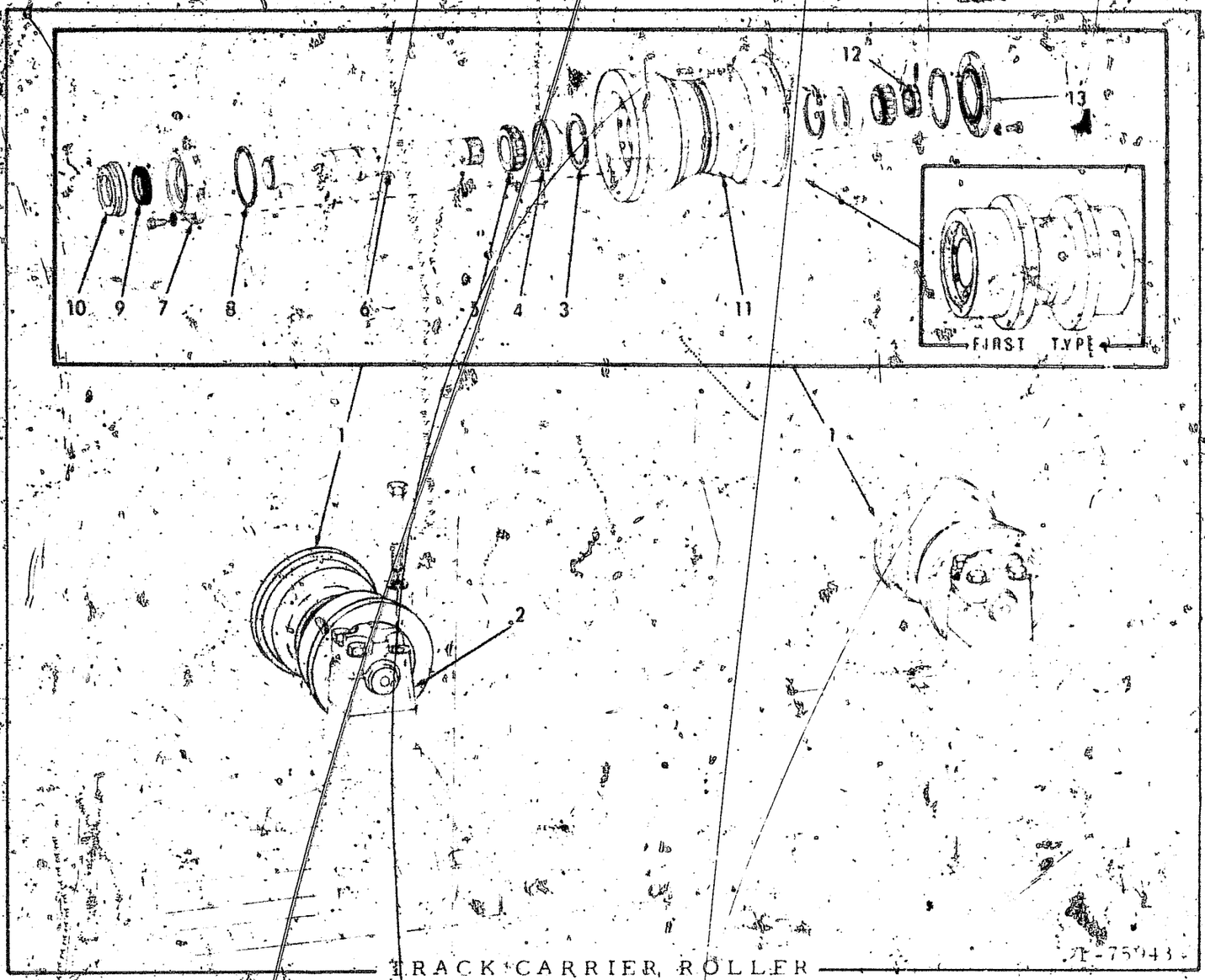
* Tractors prior to serial No. 99A02449 } Standard equipment
** Tractors serial No. 99A02449 and up }
*** Special equipment. Tractors equipped with Heavy Duty Track

ITEM	PART NO.	QUANTITY *	QUANTITY **	QUANTITY ***	DESCRIPTION
1	70665727	3	3	-	GUARD, end section, left hand
	70685295	-	-	3	GUARD, end section, left hand
	70923439	12	12	12	CAPSCREW, 7/8" NC x 2-1/8"
	70061461	12	12	12	WASHER, plain
2	70665728	3	3	-	GUARD, end section, right hand
	70685296	-	-	3	GUARD, end section, right hand
	70923439	12	12	12	CAPSCREW, 7/8" NC x 2-1/8"
	70061461	12	12	12	WASHER, plain
3	70665731	4	-	-	GUARD, intermediate section
	70683715	-	4	-	GUARD, intermediate section
	70686167	-	-	4	GUARD, intermediate section
	70927095	8	8	8	CAPSCREW, 1" NC x 2-1/2"
	70617611	8	8	8	WASHER, plain
4	70669029	3	-	-	GUARD, intermediate front section, left hand
	70683709	-	3	-	GUARD, intermediate front section, left hand
	70686161	-	-	3	GUARD, intermediate front section, left hand
	70927095	12	12	12	CAPSCREW, 1" NC x 2-1/2"
	70617611	12	12	12	WASHER, plain
5	70669030	3	-	-	GUARD, intermediate front section, right hand
	70683710	-	3	-	GUARD, intermediate front section, right hand
	70686162	-	-	3	GUARD, intermediate front section, right hand
	70927095	12	12	12	CAPSCREW, 1" NC x 2-1/2"
	70617611	12	12	12	WASHER, plain

(Continued)

TRACK ROLLER GUARDS (Continued)

ITEM	PART NO.	QUANTITY			DESCRIPTION
6	70665735	1	-	-	GUARD, rear inner section, left side
	70683719	-	1	-	GUARD, rear inner section, left side
	70686169	-	-	1	GUARD, rear inner section, left side
	70665736	1	-	-	GUARD, rear inner section, right side
	70683720	-	1	-	GUARD, rear inner section, right side
	70686170	-	-	1	GUARD, rear inner section, right side
	70927095	6	6	6	CAPSCREW, 1" NC x 2-1/2"
	70617611	6	6	6	WASHER, plain
	70665741	12	-	-	ROD, guard bracing
	70927095	24	-	-	CAPSCREW, 1" NC x 2-1/2"
	70617611	24	-	-	WASHER, plain
8	70681944	-	12	-	SPACER, guard
	70686175	-	-	12	SPACER, guard
	70622489	-	12	12	CAPSCREW, 1-1/4" NF x 20-7/8"
	70926208	-	24	24	WASHER, plain
	70929131	-	12	12	NUT, 1-1/4" NF



TRACK CARRIER ROLLER

* Tractors prior to serial No. 99A02836
** Tractors serial No. 99A02836 and up

ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION
				NOTE: Quantities shown are for ONE Roller only (4 required)
1	70653301	1	-	ROLLER ASSY. } Each includes items 3 thru 13
	70682084	-	1	ROLLER ASSY. }
2	70652078	1	1	BRACKET
	70927151	4	4	CAPSCREW, 1" NC x 7"
	70014728	4	4	LOCKWASHER, 1"
3	70190514	2	2	RING, bearing retaining
4	70680631	2	2	CUP, bearing
5	70673415	2	2	CONE ASSY., bearing
6	70663969	1	1	SHAFT (Tractors prior to unit #02854)
	70682081	-	1	SHAFT (Tractors unit #02854 and up)

(Continued)

TRACK CARRIER ROLLER (Continued)

ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION
7	70670482	1	1	RETAINER
	70921076	6	6	CAPSCREW, 3/8" NC x 1-1/4"
	70910287	6	6	LOCKWASHER, 1/8"
8	70923932	2	2	O-RING
9	70666949	1	1	SEAL
10	70663903	1	1	RETAINER
11	70664442	1	-	ROLLER
	70682162	-	1	ROLLER
12	70663843	1	1	NUT (Tractors prior to unit #02854)
	70983501	-	1	NUT } Tractors unit #02854
	70916091	-	1	PIN, spring, 1/4" x 7/8" } and up
13	70663904	1	-	PLATE
	70682001	-	1	PLATE
	70921076	6	6	CAPSCREW, 3/8" NC x 1-1/4"
	70910287	6	6	LOCKWASHER, 3/8"
14	70690648	1	1	KIT, seal (Includes 2 sealing washer, 1 retaining band sufficient to service 1 Seal Assy.) (Not illustrated)

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FOR NEW PART NUMBERS INTRODUCED ON THIS FICHE ISSUANCE SEE GRID L-1, L-2

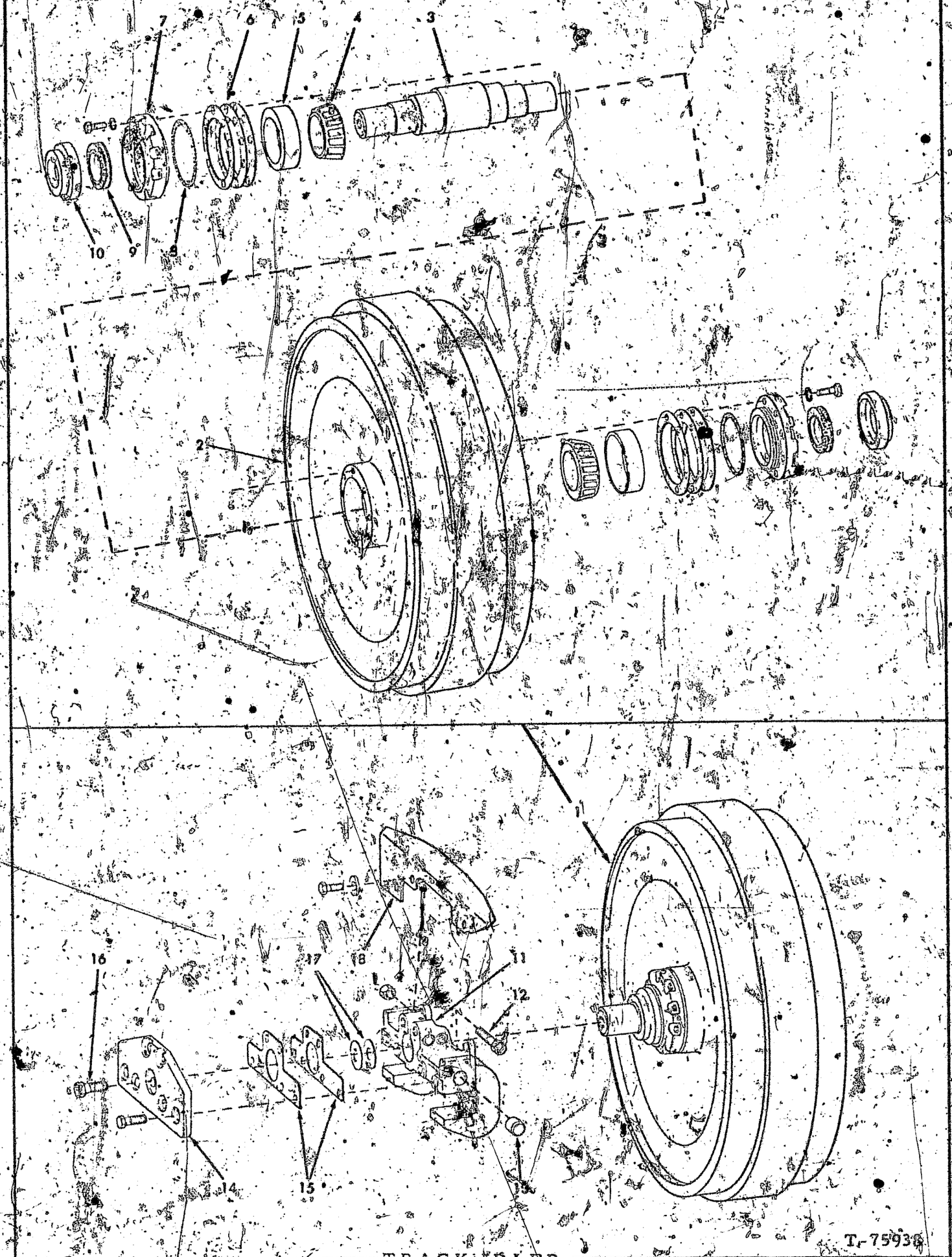
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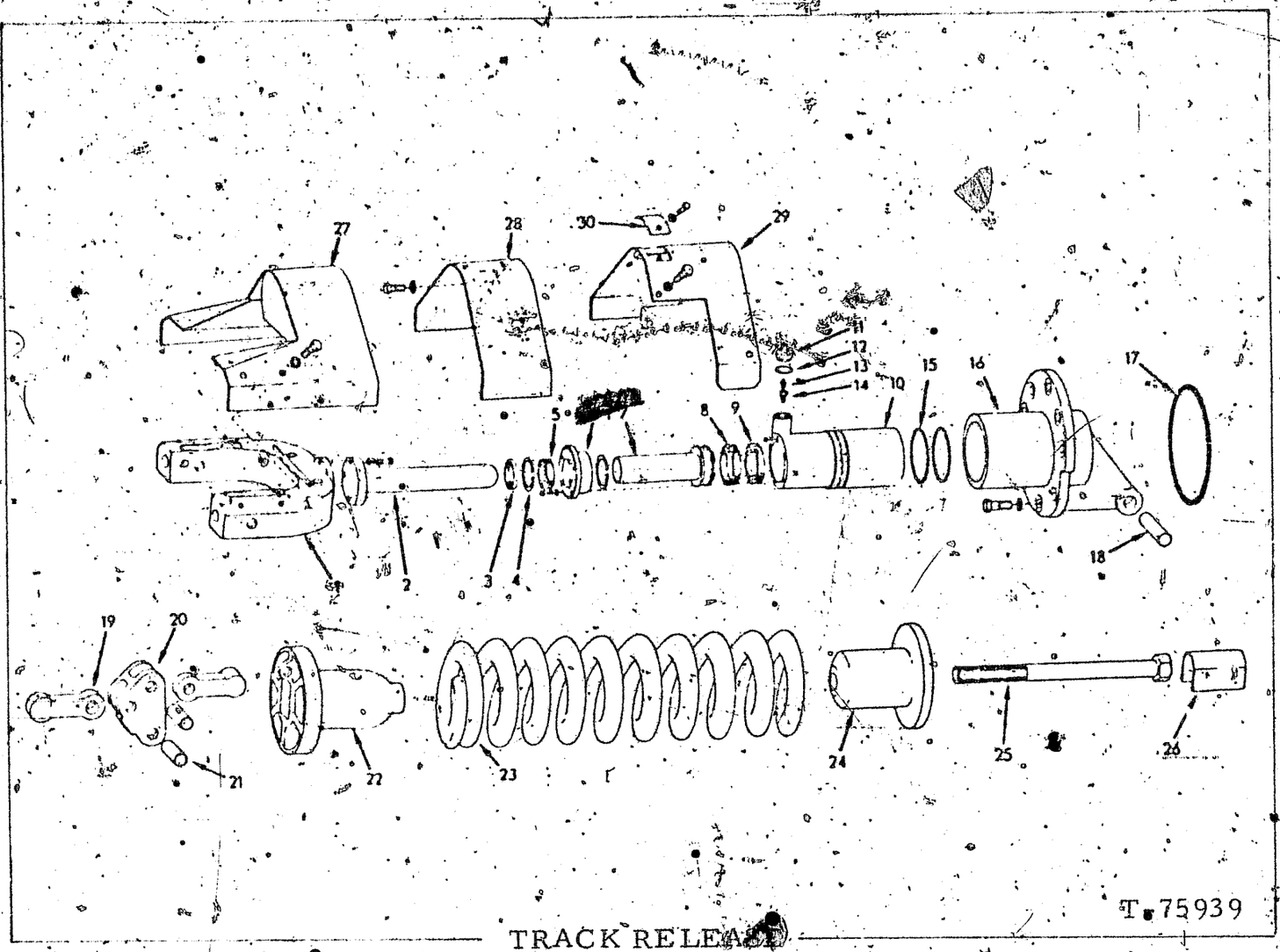
T-75938

TRACK IDLER

* Tractors prior to serial No. 99A02801
** Tractors serial No. 99A02801 and up

NOTE: Quantities shown are for ONE Idler only (2 required).

ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION	
1	70663158	1	-	IDLER ASSY. (Includes items 2 thru 10)	
	70681915	-	1	IDLER ASSY. (Includes items 2 thru 10)	
2	70675293	1	-	IDLER, only	
	70681914	-	1	IDLER, only	
3	70686694	1	-	SHAFT	
	70681972	-	1	SHAFT	
4	70662669	2	-	CONE ASSY.	
	70681934	-	2	CONE ASSY.	
5	70662668	2	-	CUP	
	70681933	-	2	CUP	
6	70662703	2	-	SHIM (.032" thick)	Use as required
	70681916	-	2	SHIM (.032" thick)	
	70662706	4	-	SHIM (.010" thick)	
	70681919	-	4	SHIM (.010" thick)	
	70662705	4	-	SHIM (.007" thick)	
	70681918	-	4	SHIM (.007" thick)	
	70662704	4	-	SHIM (.003" thick)	
	70681917	-	4	SHIM (.003" thick)	
7	70663167	2	-	RETAINER	
	70681936	-	2	RETAINER	
	70916221	16	-	CAPSCREW, 5/8"NC x 1-3/4"	
	70669862	-	16	CAPSCREW, 5/8"NC x 1-1/2"	
	70904209	16	-	LOCKWASHER, 5/8"	
8	70924140	2	-	O-RING	
	70925421	-	2	O-RING	
9	70653113	2	2	SEAL	
10	70662835	2	-	RETAINER	
	70681921	-	2	RETAINER	
11	70095513	1	1	BRACKET ASSY., left	Each includes item 13
	70095514	1	1	BRACKET ASSY., right	
12	70925380	4	4	CAPSCREW, 7/8"NF x 7-1/4"	
	70070400	4	4	NUT, high, 7/8"NF	
13	70095391	2	2	PIN	
14	70095390	2	2	PLATE	
	70922744	12	12	CAPSCREW, (3/4"NC x 2")	
15	70095521	6	6	SHIM (.032" thick)	Use as required.
	70095520	2	2	SHIM (.059" thick)	
16	70926566	2	2	CAPSCREW (1"NF x 2")	
17	70667367	6	6	SHIM (.03" thick)	Use as required
	70667366	10	10	SHIM (.06" thick)	
18	70671015	1	1	GUARD, left	Special equipment
	70671016	1	1	GUARD, right	
	70925415	6	6	CAPSCREW, 3/4"NC x 1-3/4"	
	70061689	6	6	WASHER, plain	



T-75939

TRACK RELEASE

USAGE: Original equipment

ITEM	PART NO.	QTY.	DESCRIPTION
			NOTE: Quantities shown are for ONE Release only (2 required)
1	70653013	1	YOKE
2	70663867	1	BAR
	70921556	2	CAPSCREW, 1/2" NC x 2"
	70912441	2	LOCKWASHER, 1/2"
3	73052243	1	WIPER
4	70670994	1	RING
5	70670943	1	RING
6	70670951	1	RETAINER
	70921076	4	CAPSCREW, 3/8" NC x 1-1/4"
	70910287	4	LOCKWASHER, 3/8"
7	70677759	1	PISTON
8	70663881	1	RING
9	70096803	1	SEAL
10	70663950	1	CROSSHEAD ASSY. (Includes items 11 thru 14 and PLUG indented below)
	70679498	1	PLUG, pipe (teflon coated)

(Continued)

(Revised November 1977)

TRACK RELEASE (Continued)

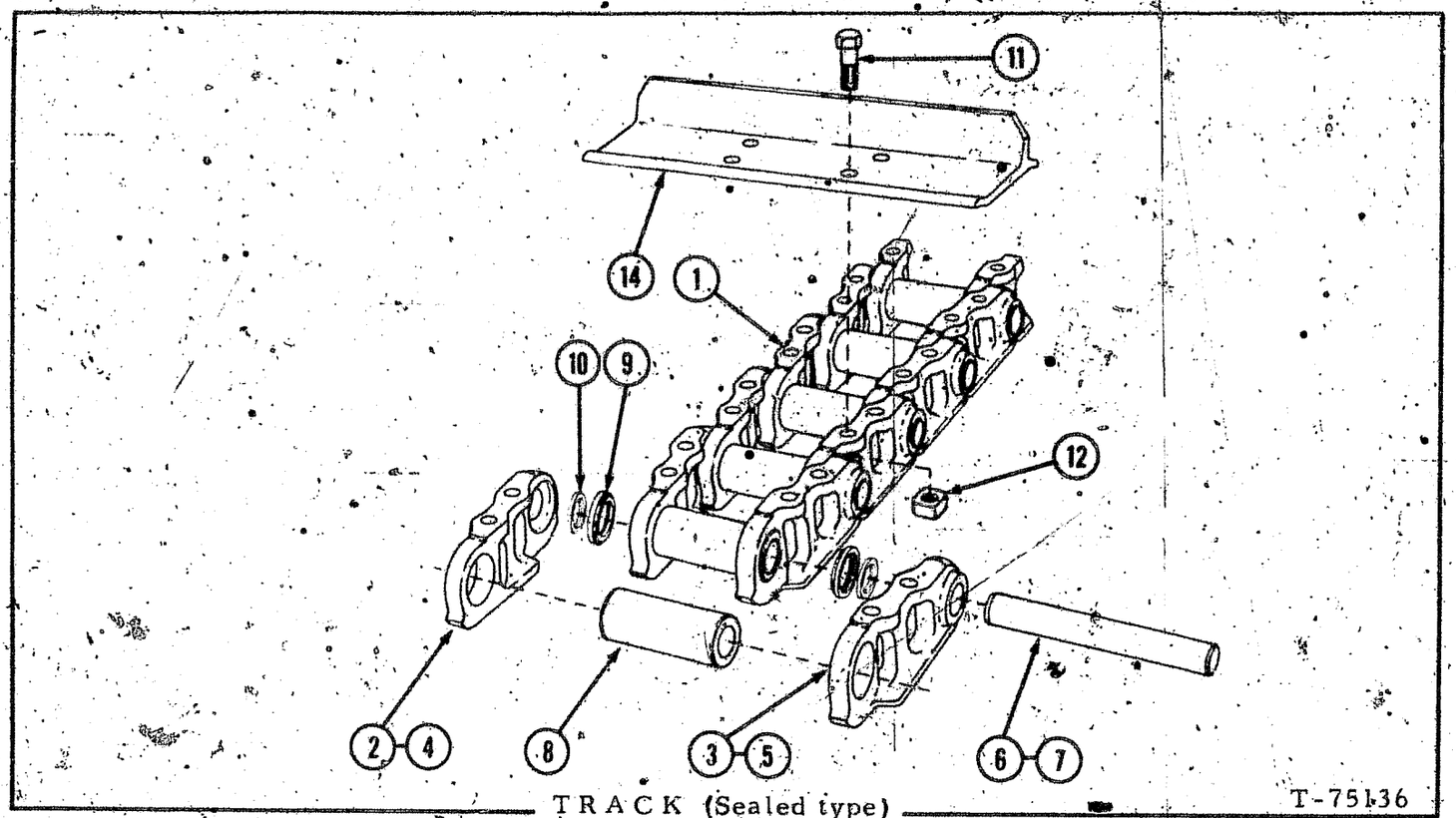
ITEM	PART NO.	QTY.	DESCRIPTION
11	70644255	1	PLUG
12	70623144	1	GASKET
13	70676456	1	FITTING
14	70676455	1	BALL CHECK ASSY. (Serviced only as a unit)
15	70925443	2	O-RING
16	70652968	1	GUIDE
	70925809	8	CAPSCREW, 1"NF x 2-3/4"
	70914728	8	LOCKWASHER, 1"
17	70095628	1	GASKET
18	70096437	1	PIN
19	70096431	2	ROD
20	70652969	1	BELLCRANK
21	70096436	2	PIN
22	70096441	1	PLUNGER, 14-1/2" long (Tractors prior to unit #01706)
	70678953	1	PLUNGER, 16-1/2" long (Tractors unit #01706 and up)
23	70096442	1	SPRING
24	70652778	1	SEAT
25	70096370	1	BOLT (Tractors prior to unit #01706)
	70678978	1	BOLT (Tractors unit #01706 and up)
26	70653276	1	LOCK
27	70653096	1	GUARD, front section
	70926166	4	CAPSCREW, 3/4"NC x 1-3/4"
	70061689	4	WASHER
28	70669767	1	GUARD, intermediate section
	70926166	2	CAPSCREW, 3/4"NC x 1-3/4"
	70061689	2	WASHER
29	70669365	1	GUARD, rear section, left side
	70669366	1	GUARD, rear section, right side
	70926166	4	CAPSCREW, 3/4"NC x 1-3/4"
	70061689	4	WASHER
30	70669338	1	COVER
	70916311	2	CAPSCREW, 1/2"NC x 1-1/4"
	70064531	2	WASHER

NOTE: See K-10 and K-11 for second type track release.

(Revised November 1977)

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T-75136

TRACK (Sealed type)

USAGE: Standard on tractors prior to Serial No. 99A02454. Special thereafter

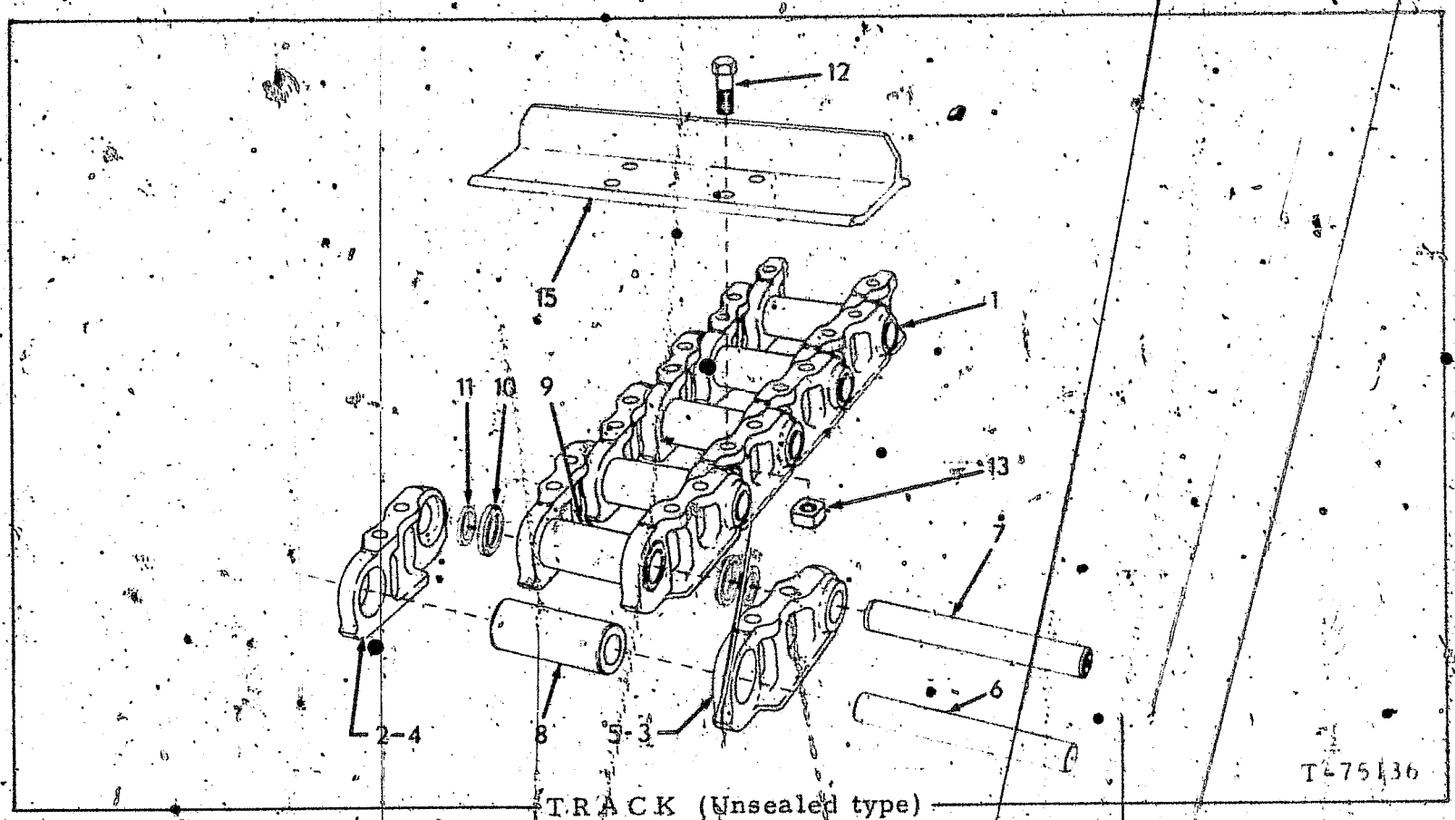
* Prior to Tractor Serial No. 99A01063

** Effective on Tractor Serial No. 99A01063

ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION.
1	70663486	2	-	CHAIN ASSY. (39 links)(Consists of items 2 thru 10)
	70685761	-	2	CHAIN ASSY. (39 links)(Consists of items 2 thru 10)
2	70671863	76	-	LINK, left
	70676285	-	76	LINK, left
3	70671864	76	-	LINK, right
	70676286	-	76	LINK, right
4	70671873	2	-	LINK, master, left
	70677173	-	2	LINK, master, left
5	70671874	2	-	LINK, master, right
	70677174	-	2	LINK, master, right
6	70684746	76	76	PIN
7	70665309	2	2	PIN, master
8	70665304	78	78	BUSHING
9	70674521	156	156	SEAL
10	70665303	156	156	SPACER
11	70671862	312	312	BOLT
12	70671868	312	312	NUT
13	75000528	1	1	UNDERCARRIAGE MEASURING KIT (Includes all tools required to determine remaining life of undercarriage components)

TRACK SHOES

ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION.	COMPLETE TRACK ASSEMBLIES WITH SHOES (2 Required)
14	0677761	78	78	SHOE, 28"	70685774
	0671180	78	78	SHOE, 30"	70685775
	0671861	78	78	SHOE, 32"	70685760
	0671184	78	78	SHOE, 36"	70685776



TRACK (Unsealed type)

USAGE: Standard equipment. Tractors serial No. 99A02454 and up

* Standard equipment
** Optional equipment. Tractors equipped with Heavy Duty Track

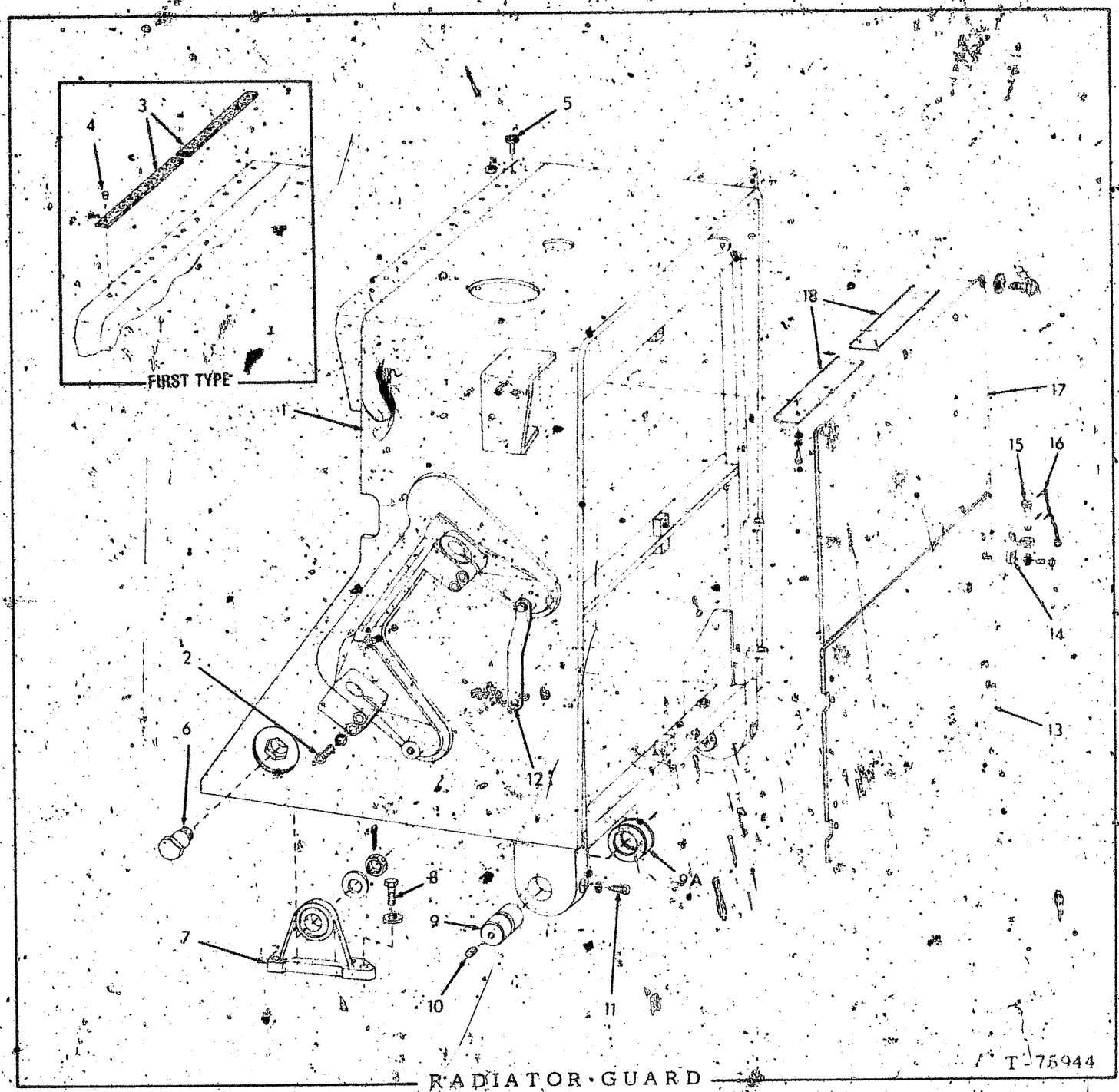
ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION
1	70685433	2	-	CHAIN ASSY. (39 links)(Consists of items 2 thru 9)
	70684906	-	2	CHAIN ASSY. (39 links)(Consists of items 2 thru 9)
2	70676285	76	-	LINK, left
	70685289	-	76	LINK, left
3	70676286	76	-	LINK, right
	70685290	-	76	LINK, right
4	70677173	2	-	LINK, master, left
	70685291	-	2	LINK, master, left
5	70677174	2	-	LINK, master, right
	70685292	-	2	LINK, master, right
	70684746	76	-	PIN
	70685287	-	76	PIN
7	70665309	2	-	PIN, master
	70685288	-	2	PIN, master
8	70684724	76	-	BUSHING
	70685938	-	76	BUSHING
9	70665304	2	-	BUSHING, master pin
	70685939	-	2	BUSHING, master pin
10	70694222	4		SEAL

(Continued)

TRACK (Unsealed type)(Continued)

ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION
11	70684747	4	-	SPACER
	70694221	-	4	SPACER
12	70671862	312	-	BOLT
	70685937	-	312	BOLT
13	70671868	312	312	NUT
14	75000528	1	1	UNDERCARRIAGE MEASURING KIT (Includes all tools required to determine remaining life of undercarriage components)

TRACK SHOES				COMPLETE TRACK ASSEMBLIES WITH SHOES (2 Required)	
				*	**
70677761	78	--	SHOE, 28"	70685778	--------
70685982	--	78	SHOE, 28"	--------	70684908
70671180	78	--	SHOE, 30"	70685779	--------
70671861	78	--	SHOE, 32"	70684905	--------
70685980	--	78	SHOE, 32"	--------	70685285
70671184	78	--	SHOE, 36"	0685780	--------



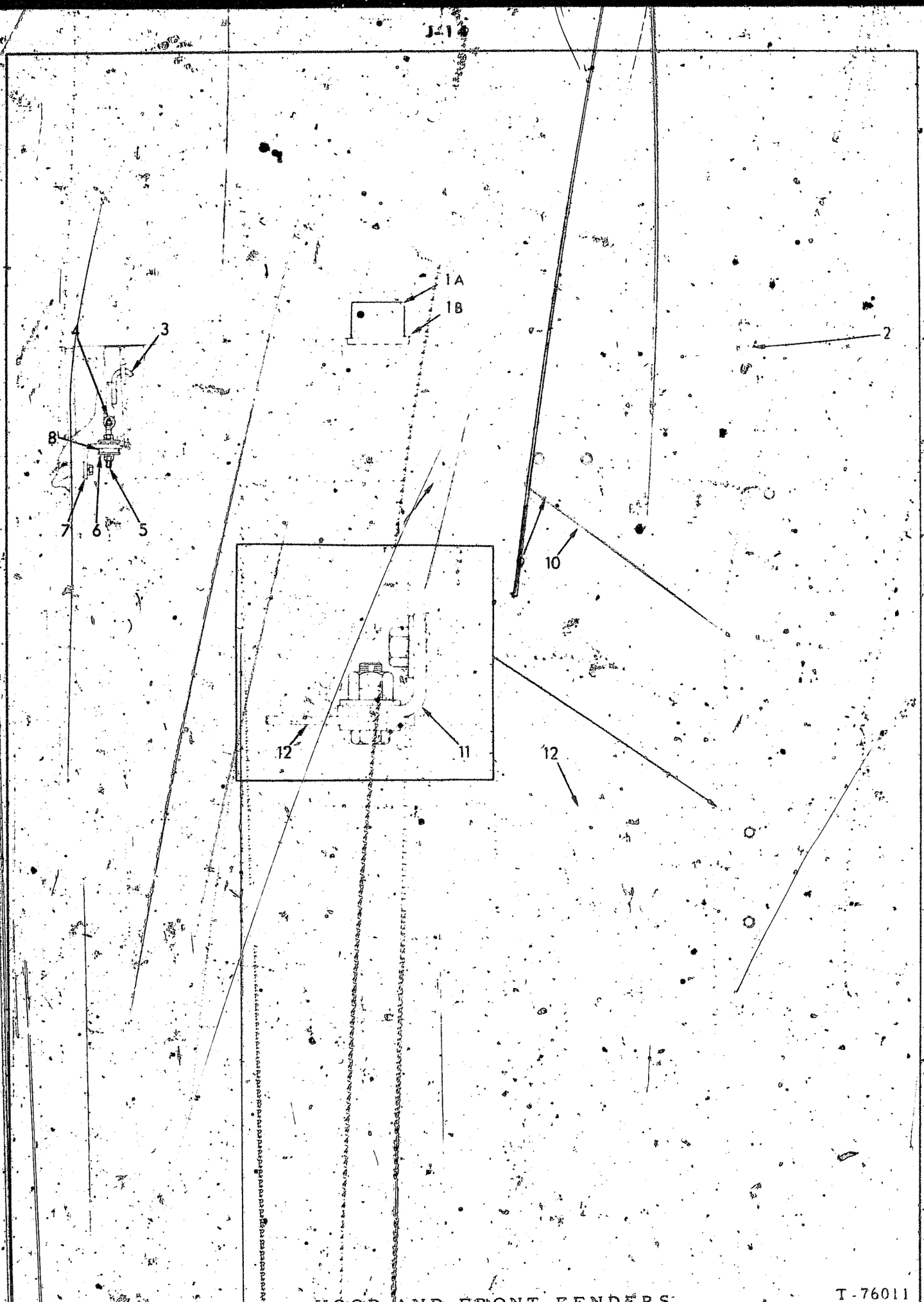
RADIATOR GUARD

ITEM	PART NO.	QTY.	DESCRIPTION
1	70662326	1	GUARD (Tractors prior to unit #01455)
	70682367	1	GUARD (Tractors unit #01455 and up)
2	70927479	8	CAPSCREW, 1"NF x 4-1/4"
	70914728	8	LOCKWASHER, 1"
3	70672196	2	PAD } Tractors prior to unit #01455
4	70672198	12	RIVET }
5	70677885	10	BUTTON } Tractors unit #01455 and up
	70917730	10	NUT, 1/4"NC }

(Continued)

RADIATOR GUARD (Continued)

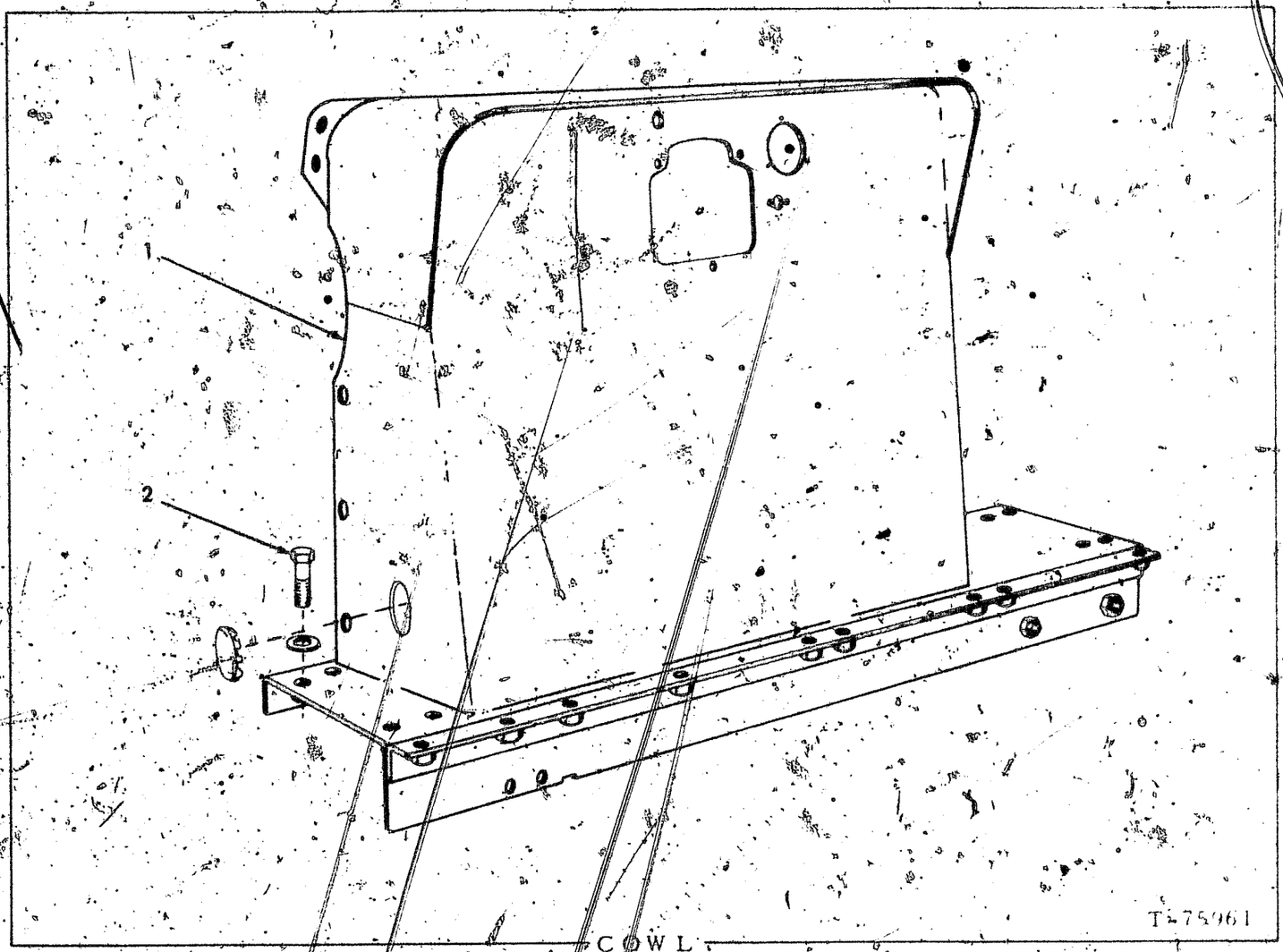
ITEM	PART NO.	QTY.	DESCRIPTION
6	70682806	2	BOLT
	70605918	2	WASHER
	70916599	2	NUT, 1-3/4"NF (slotted)
	70904015	2	PIN, cotter, 3/8" x 3-1/2"
7	70638329	1	BRACKET, right side } Tractors prior to unit #02029
	70638330	1	BRACKET, left side } Tractors prior to unit #02029
	70681531	2	BRACKET, (Tractors unit #02029 and up
8	70012762	6	CAPSCREW, 7/8"NF x 3-1/4" } Tractors prior to unit #02029
	70061461	6	WASHER, plain } Tractors prior to unit #02029
	70638341	6	WASHER, plain } Tractors prior to unit #02029
	70927479	8	CAPSCREW, 1"NF x 4-1/4" } Tractors unit #02029 and up)
	70678072	8	WASHER, plain } Tractors unit #02029 and up)
9	70663352	2	PIN
9A	70681234	8	SHIM (Use as required)
10	70630097	2	CORK
11	70621329	2	SCREW
	70912942	2	LOCKWASHER, 5/8"
12	70677630	2	STRAP
	70921411	2	CAPSCREW, 5/8"NC x 1-1/2"
	70912942	2	LOCKWASHER, 5/8"
13	70670727	1	GRILL (Prior to Tractors unit #01718)
	70682094	1	GRILL (Tractors unit #01718 and up)
14	70667159	4	BRACKET
	70922509	8	CAPSCREW, Nylok, 1/2"NC x 1-3/4" (4 less used effective tractor unit #01718 and up)
	70677008	8	WASHER, plain
	70911028	4	NUT, 1/2"NC (For Tractors unit #01718 and up)
15	70643124	4	PIN, hinge
	70920570	4	PIN
16	70643229	4	CHAIN ASSY. (Serviced only as a unit)
17	70663376	1	PLATE (Standard)
	70662755	1	GRILL (Special) (Not illustrated)
	70673070	6	STUD
	70673079	6	WASHER
18	70664828	2	BAFFLE
	70921565	6	CAPSCREW, 3/8"NC x 1-1/2"
	70910287	6	LOCKWASHER, 3/8"
	70044973	6	WASHER, plain


1A
1B
2
3
4
5
6
7
8
10
11
12
12

HOOD AND FRONT FENDERS

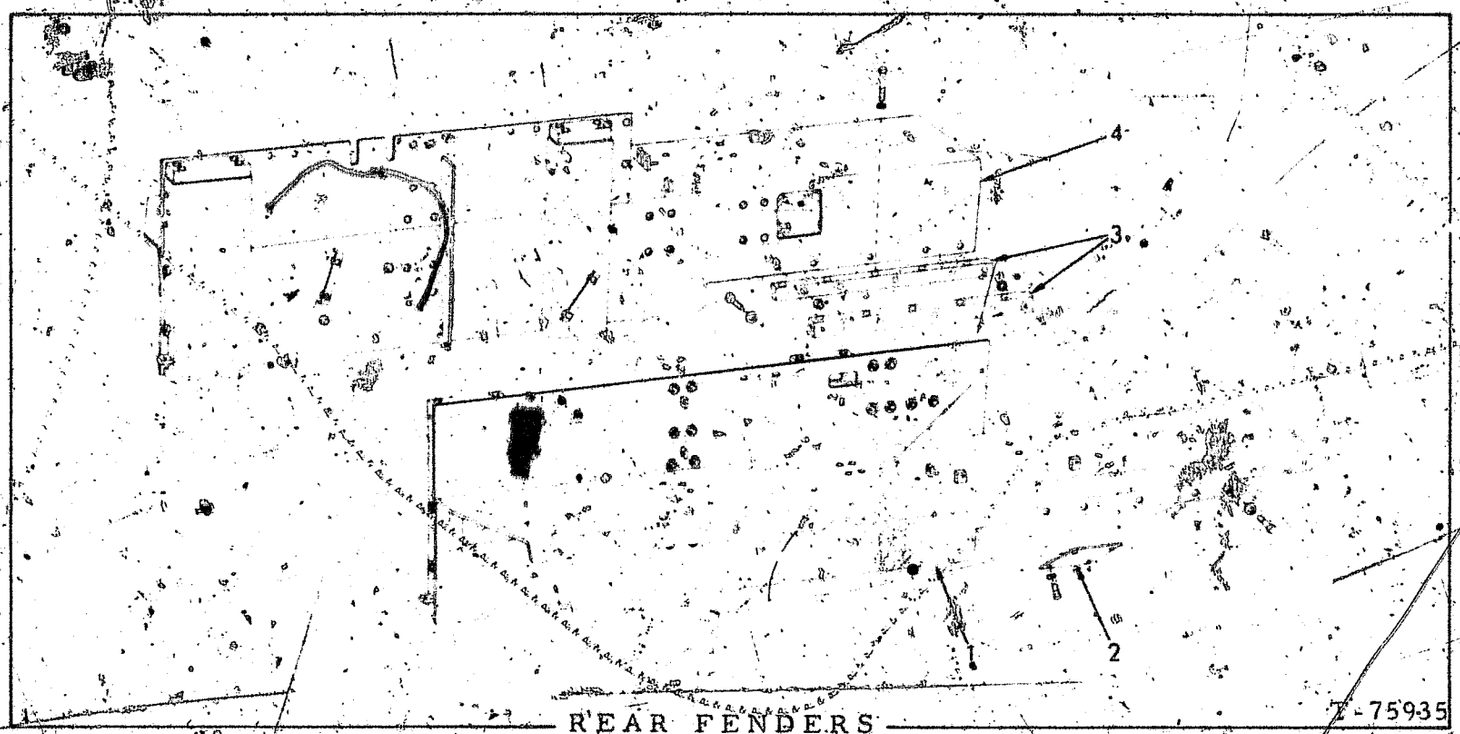
ITEM	PART NO.	QTY.	DESCRIPTION
1	70652641	1	HOOD (Standard)
	70683066	1	HOOD ASSY. (Includes items 1A and 1B)(Special. For tractors with muffler)
	70648238	3	CAPSCREW
1A	70683062	1	TUBE } Requires welding to install
1B	70683065	1	COLLAR }
2	70624416	2	CLIP
	70648294	2	CAPSCREW
3	70664624	2	HOOK
4	70917648	2	PIN
	70900806	2	PIN, cotter, 1/8" x 1"
5	70668541	2	ROD
	70912441	4	LOCKWASHER, 1/2"
	70911028	2	NUT, 1/2" NC
	70911035	2	NUT, jam, 1/2" NC
6	70628238	4	WASHER
7	70664614	2	ANGLE
	70920583	4	CAPSCREW, 1/2" NC x 1-1/2"
	70912441	4	LOCKWASHER, 1/2"
8	70642441	2	SNUBBER
9	70664079	1	PLATE, left
	70648238	5	CAPSCREW
10	70664081	1	PLATE, right
	70648238	5	CAPSCREW
11	70652642	2	ANGLE (Tractors prior to unit #02801)
	70688909	2	ANGLE (Tractors unit #02801 and up)
	70920583	4	CAPSCREW, 1/2" NC x 1-1/2"
	70677008	4	WASHER, plain
12	70671811	1	FENDER, left
	70671812	1	FENDER, right
	70920582	4	CAPSCREW, 1/2" NC x 1-1/4"
	70677008	8	WASHER, plain
	70904208	4	LOCKWASHER, 1/2" } Tractors prior to unit #02801
	70911028	4	NUT, 1/2" NC }

NOTE: See PAINTING AND MARKING for transfers



COWL

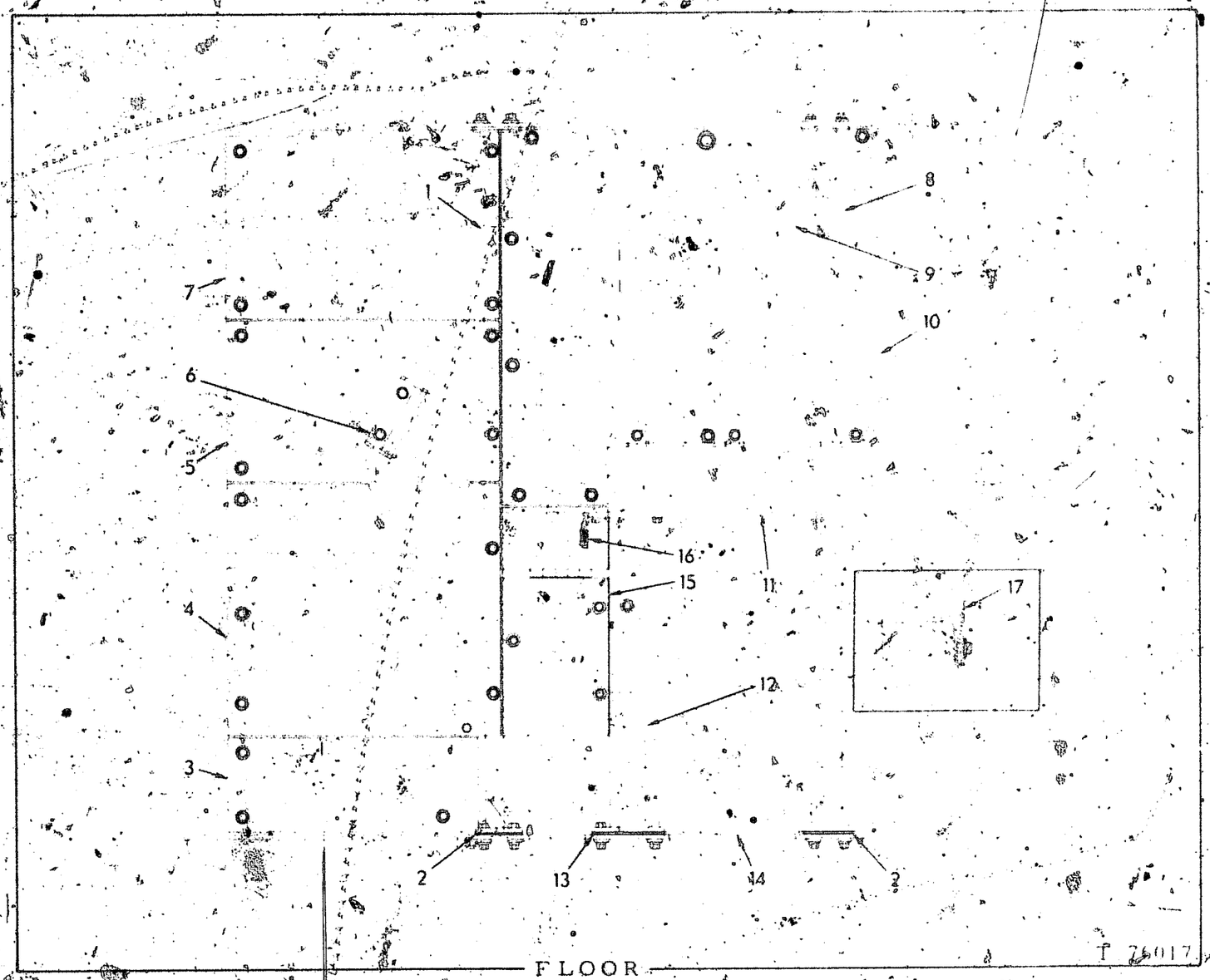
ITEM	PART NO.	QTY.	DESCRIPTION
1	70652598	1	COWL
2	70928498	8	CAPSCREW, 1" NC x 2-1/4"
	70678072	8	WASHER, plain
	70921447	1	PLUG, button, 3" diam.



REAR FENDERS

ITEM	PART NO.	QTY.	DESCRIPTION
1	70652505	1	FENDER (Includes item 2)(Prior to unit #01439)
	70685373	1	FENDER (Includes item 2)(Effective unit #01439)
	70921404	5	CAPSCREW, 5/8"NC x 4"
	70677010	5	WASHER, plain
	70915256	5	NUT, 5/8"NC
2	70660091	2	PLATE
	70920582	8	CAPSCREW, 1/2"NC x 1-1/4"
	70912441	8	LOCKWASHER, 1/2"
3	70665866	2	BLOCK
	70927020	10	CAPSCREW, 3/4"NC x 3-3/4"
	70677012	10	WASHER, plain
4	70652506	1	FENDER (Includes item 2)(Prior to unit #01439)
	70685374	1	FENDER (Includes item 2)(Effective unit #01439)
	70921404	5	CAPSCREW, 5/8"NC x 4"
	70677010	5	WASHER, plain
	70915256	5	NUT, 5/8"NC

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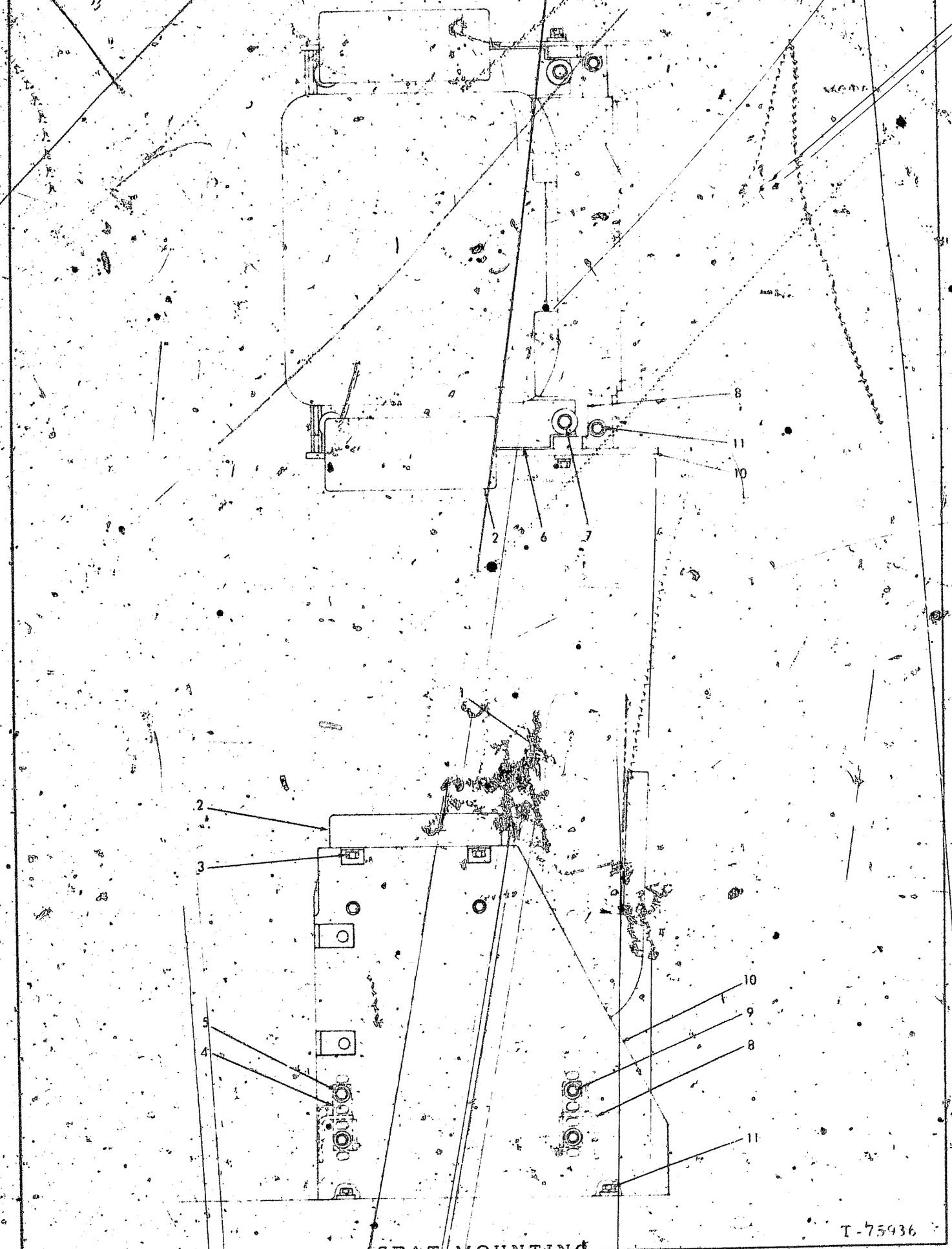


ITEM	PART NO.	QTY.	DESCRIPTION
1	0652536	1	CHANNEL
	0916313	4	CAPSCREW, 1/2"NC x 1-3/4"
	0916314	4	CAPSCREW, 1/2"NC x 2"
	0904208	8	LOCKWASHER, 1/2"
	0064531	8	WASHER, plain
2	0666100	4	SHIM (.031)
	0666101	6	SHIM (.062)
3	0668991	1	PLATE
	0916311	1	CAPSCREW, 1/2"NC x 1-1/4"
	0915987	2	CAPSCREW, 1/2"NC x 1-1/2"
	0904208	3	LOCKWASHER, 1/2"
	0064531	3	WASHER, plain
4	0652530	1	PLATE
	0916311	3	CAPSCREW, 1/2"NC x 1-1/4"
	0915987	3	CAPSCREW, 1/2"NC x 1-1/2"
	0904208	6	LOCKWASHER, 1/2"
	0064531	6	WASHER, plain

(Continued)

FLOOR (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
5	70665334	1	PLATE
	70916311	2	CAPSCREW, 1/2"NC x 1-1/4"
	70915987	2	CAPSCREW, 1/2"NC x 1-1/2"
	70904208	4	LOCKWASHER, 1/2"
	70064531	4	WASHER, plain
6	70665338	1	BRACKET
	70916311	2	CAPSCREW, 1/2"NC x 1-1/4"
	70904208	2	LOCKWASHER, 1/2"
7	70652532	1	PLATE
	70916311	2	CAPSCREW, 1/2"NC x 1-1/4"
	70915987	2	CAPSCREW, 1/2"NC x 1-1/2"
	70904208	4	LOCKWASHER, 1/2"
	70064531	4	WASHER, plain
8	70652551	1	CHANNEL
	70916313	4	CAPSCREW, 1/2"NC x 1-3/4"
	70916314	4	CAPSCREW, 1/2"NC x 2"
	70904208	8	LOCKWASHER, 1/2"
	70064531	8	WASHER, plain
9	70658703	1	ANGLE
	70916311	4	CAPSCREW, 1/2"NC x 1-1/4"
	70904208	4	LOCKWASHER, 1/2"
10	70652534	1	PLATE
	70916311	8	CAPSCREW, 1/2"NC x 1-1/4"
	70904208	8	LOCKWASHER, 1/2"
	70064531	8	WASHER, plain
	70922743	1	CAPSCREW, 3/4"NC x 2" } Early Units
	70914726	1	LOCKWASHER, 3/4" } Early Units
	70061689	1	WASHER, plain } Early Units
11	70652545	1	CHANNEL (Tractors prior to unit #01718 including #01722)
	70680773	1	CHANNEL (Tractors unit #01718 and up excluding #01722)
	70916311	4	CAPSCREW, 1/2"NC x 1-1/4"
	70904208	4	LOCKWASHER, 1/2"
12	70652541	1	CHANNEL
	70916311	2	CAPSCREW, 1/2"NC x 1-1/4"
	70916314	2	CAPSCREW, 1/2"NC x 2"
	70904208	4	LOCKWASHER, 1/2"
	70064531	2	WASHER, plain
13	70666102	2	SHIM (.031)
	70666103	3	SHIM (.062)
14	70652553	1	PLATE
	70916311	2	CAPSCREW, 1/2"NC x 1-1/4"
	70904208	2	LOCKWASHER, 1/2"
	70064531	2	WASHER, plain
15	70665149	1	PLATE
	70916311	3	CAPSCREW, 1/2"NC x 1-1/4"
	70904208	3	LOCKWASHER, 1/2"
	70064531	3	WASHER, plain
16	70049108	1	SPRING
17	70658405	1	PLATE
	70900817	1	WASHER, plain, U.S. std., 3/8"
	70900802	1	PIN, cotter, 3/32" x 1"



T-75936

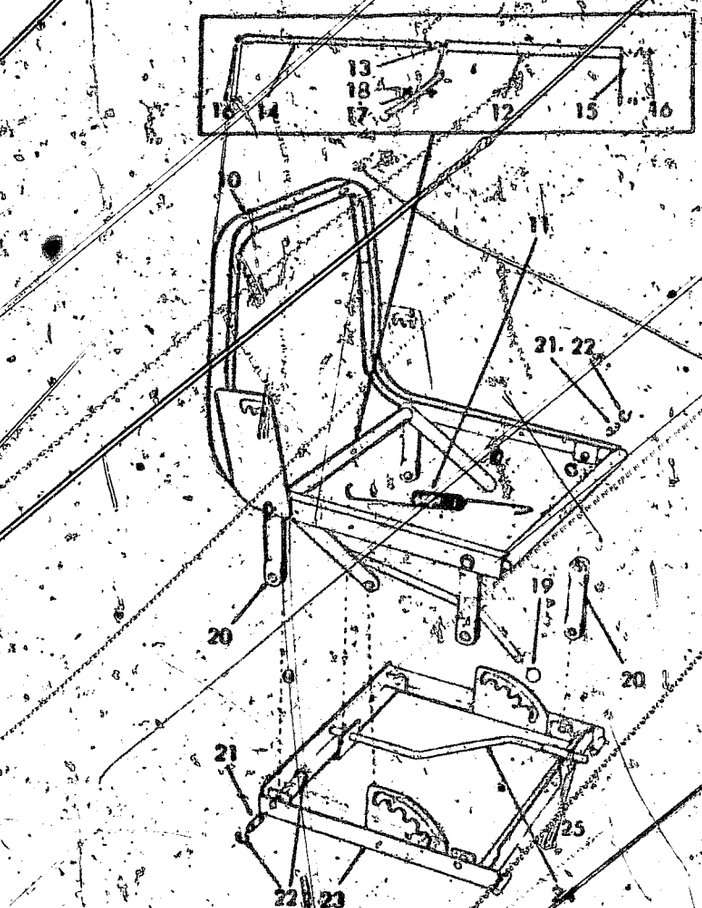
SEAT MOUNTING

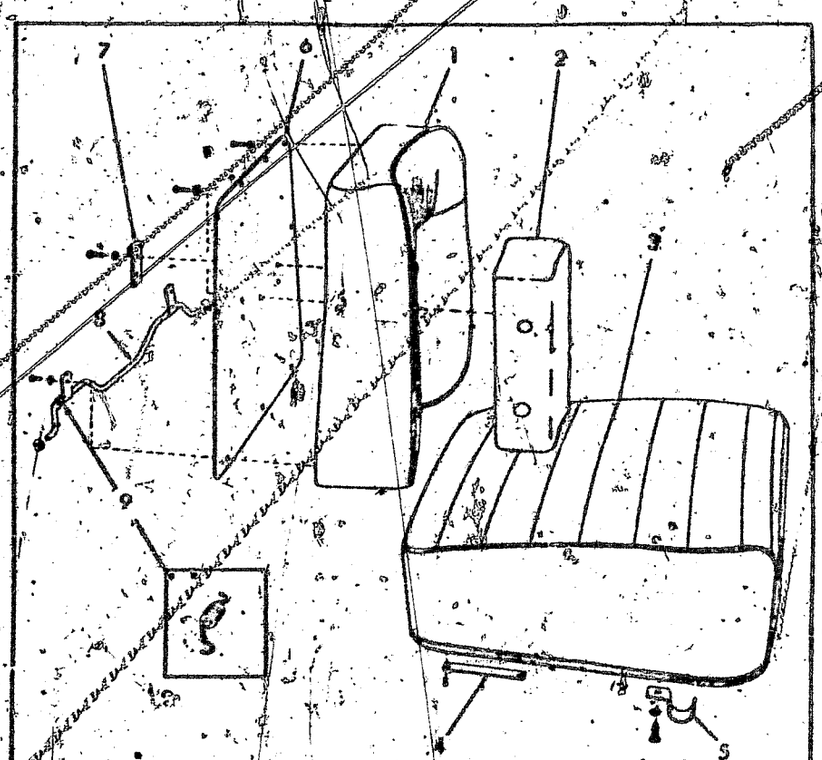
J-21

SEAT MOUNTING

ITEM	PART NO.	QTY.	DESCRIPTION
1	----------	1	SEAT ASSY. (See J-23)
2	70632188	2	CUSHION
3	70923276	8	CAPSCREW, 7/8-NF x 1
	70910287	8	LOCKWASHER, 3/8
4	70663592	1	ANGLE (Prior to unit #02426)
	70682487	1	ANGLE (Effective unit #02426)
5	70922726	4	CAPSCREW, 1/2-NF x 1-1/2
	70677008	4	WASHER, plain
6	70665339	2	PLATE (1 less used effective unit #02426)
	70682488	1	PLATE (left side Tractors unit #02426 and up)
7	70921076	4	CAPSCREW, 3/8-NC x 1-1/4
	70677006	4	WASHER, plain
8	70652874	1	ANGLE
9	70922726	4	CAPSCREW, 1/2-NF x 1-1/2
	70677008	4	WASHER, plain
10	70652863	1	SUPPORT
11	70915987	5	CAPSCREW, 1/2-NC x 1-1/2
	70677008	5	WASHER, plain
12	70680080	1	SAFETY BELT (Not illustrated)

J-27





SEAT CUSHION

T-71877

SEAT ASSEMBLY

J-23

SEAT ASSEMBLY

USAGE: See J-21

ITEM	PART NO.	QTY.	DESCRIPTION
0	0659023	1	SEAT ASSY. (Includes items 1 thru 25)
	0638422	1	CUSHION, back (outside section)
1	0642499	1	COVER, slip, back cushion (Includes fastenings)(Not original equipment)
	0638421	1	CUSHION, back (center section)
	0916532	2	SCREW, machine, rd-hd., 1/4"NC x 3/4"
	0914105	2	LOCKWASHER, ext-tooth, 1/4"
2	0642498	1	COVER, slip, back cushion (Includes fastenings)(Not original equipment)
	0650102	1	CUSHION ASSY., seat (Includes item 4)
3	0642500	1	COVER, slip, seat cushion (includes fastenings)(Not original equipment)
4	0638431	2	PLATE, bearing, seat cushion
	----	4	SCREW, wood, fl-hd., #8 x 1/2" (Procure locally)
5	0638432	2	BRACKET, pivot, seat cushion
	0916532	2	SCREW, machine, rd-hd., 1/4"NC x 3/4"
	0914105	2	LOCKWASHER, ext-tooth, 1/4"
6	0650133	1	PLATE, reinforcing, back cushion
	0916532	8	SCREW, machine, rd-hd., 1/4"NC x 3/4"
	0914105	8	LOCKWASHER, ext-tooth, 1/4"
7	0650132	2	BRACKET, retaining, back cushion
	0916532	4	SCREW, machine, rd-hd., 1/4"NC x 3/4"
	0914105	4	LOCKWASHER, ext-tooth, 1/4"
8	0650141	1	ROD ASSY., back cushion adjustment (Includes mounting clips)
	0916532	2	SCREW, machine, rd-hd., 1/4"NC x 3/4"
	0914105	2	LOCKWASHER, ext-tooth, 1/4"
	0928197	2	RING, retaining
9	0650137	1	SPRING, back cushion adjustment rod
10	0650144	1	FRAME, seat
11	0650138	1	SPRING, retracting, seat frame
12	0650142	1	LATCH, seat adjustment
13	0650146	2	BEARING, seat adjustment latch
14	0650136	1	SHAFT, seat adjustment latch
15	0650135	1	SPRING, seat adjustment latch
16	0638351	2	RING, snap, seat adjustment latch shaft
17	0188436	2	WASHER, seat adjustment latch
18	0650147	2	RING, snap, seat adjustment latch
19	0650133	1	KNOB, seat adjustment latch
20	0650139	4	LINK, suspension, seat frame
21	0650131	6	PIN, seat frame suspension link
22	0638351	12	RING, snap, suspension link pin
23	0650145	1	FRAME ASSY., base (Includes items 24 and 25)
24	0650140	1	ROD, seat release
	0188436	1	WASHER, plain
	0924169	2	PIN, groove, 1/8" x 1"
25	0650134	1	SPRING, seat release rod

NOTICE

Allis-Chalmers Corporation and Fiat S. p. A. entered into a joint venture agreement to combine their manufacture, sale and service of construction machinery products throughout the world after January 1, 1974.

In view of the new enterprise, wherever in this publication reference is made to Allis-Chalmers or your Allis-Chalmers dealer, such reference is intended to identify Fiat-Allis Construction Machinery, Inc. or your Fiat-Allis dealer.

Also, for this new enterprise, a new series of 8-digit part numbers is in effect. This change is accomplished by eliminating the "check digit" wherever it may appear, and then, to this basic part number, prefixing a "7" (or "7" plus one or more zeros) to make a full 8-digit part number.

Examples:

667367	becomes 70667367
0688917-4	becomes 70688917
3060101-7	becomes 73060101

All part numbers listed herein must be changed per the above formula before ordering.

FOR NEW PART NUMBERS INTRODUCED ON THIS FICHE ISSUANCE SEE GRID L-1, L-2

ALPHABETICAL INDEX

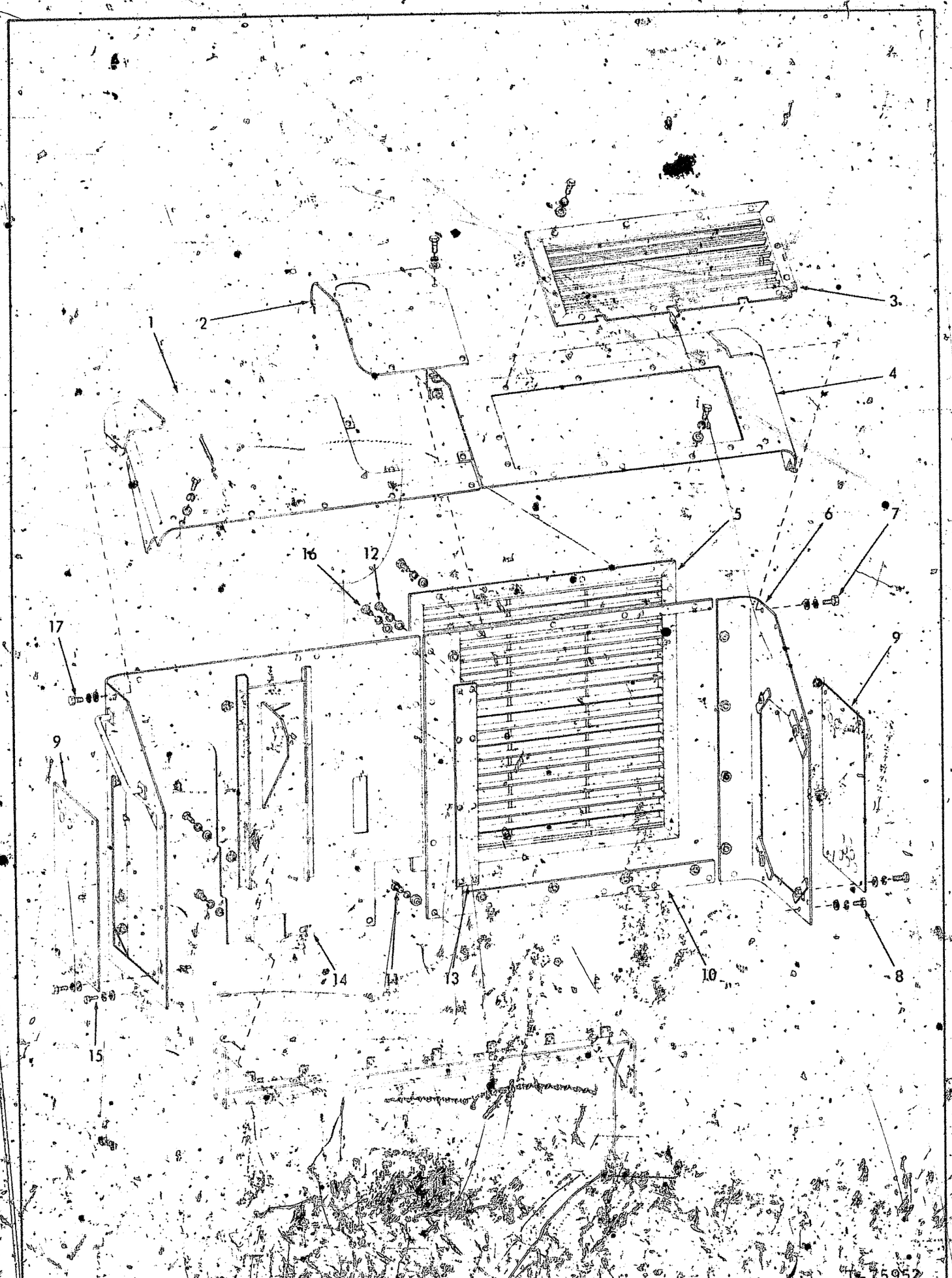
	Grid
Air Cleaner	1 C-7
Air Cleaner Mounting	1 C-5
Alternator	2 B-13
Auxiliary Valve Control	2 F-19,F-21
Batteries & Cables	2 B-8
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Piping	2 F-11,F-17
Tilt	2 D-3
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Dozer Oil Pump Lines	2 D-18
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Elements	
Air Cleaner	1 C-7
Engine Oil Filter (By-Pass)	1 B-14
Fuel Filter	1 B-13
Hydraulic Tank	2 E-9
Lube Oil	1 B-13
Steering Oil Filter	1 F-24
Transmission Oil Filter	1 F-24
Water Filter	1 B-13
Engine Breather Hose	1 B-13
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Exhaust Pipes	1 C-3
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Fan (Rear)	1 D-10
Fan Drive (Front Fan)	1 D-3
Fan Drive (Rear Fan)	1 D-8

	Grid
Fan Idler (Rear Fan)	1 D-7
Fan Drive Shaft (Rear Fan)	1 D-9
Fan Drive Train (Rear Fan)	1 D-10
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Ammeter	2 B-14
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Engine Temperature	2 B-14
Fuel Level	1 B-18
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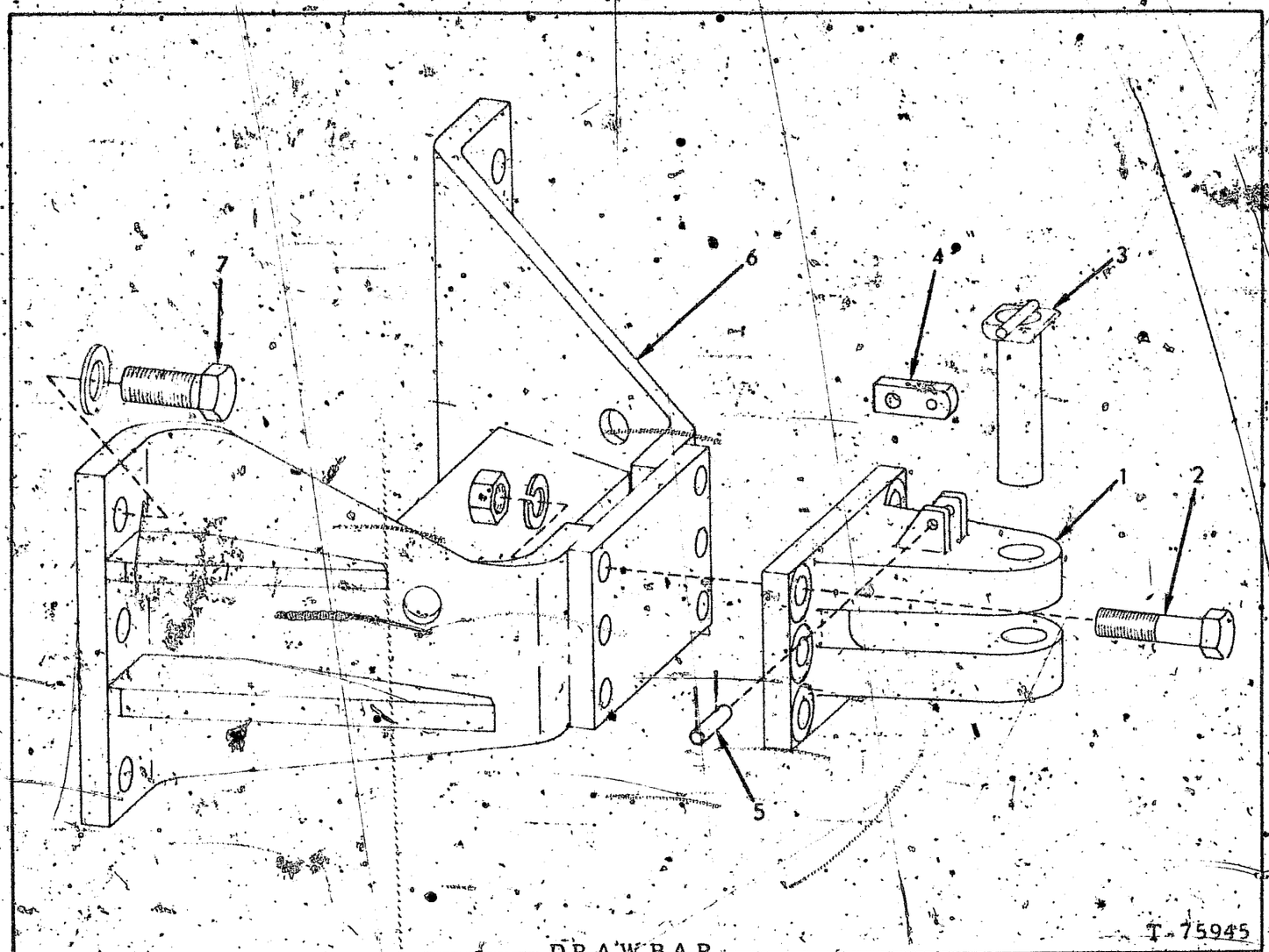
1 — HYDRAULIC TANK AND REAR RADIATOR GUARDS

T-75952

K-4

HYDRAULIC TANK AND REAR RADIATOR GUARD

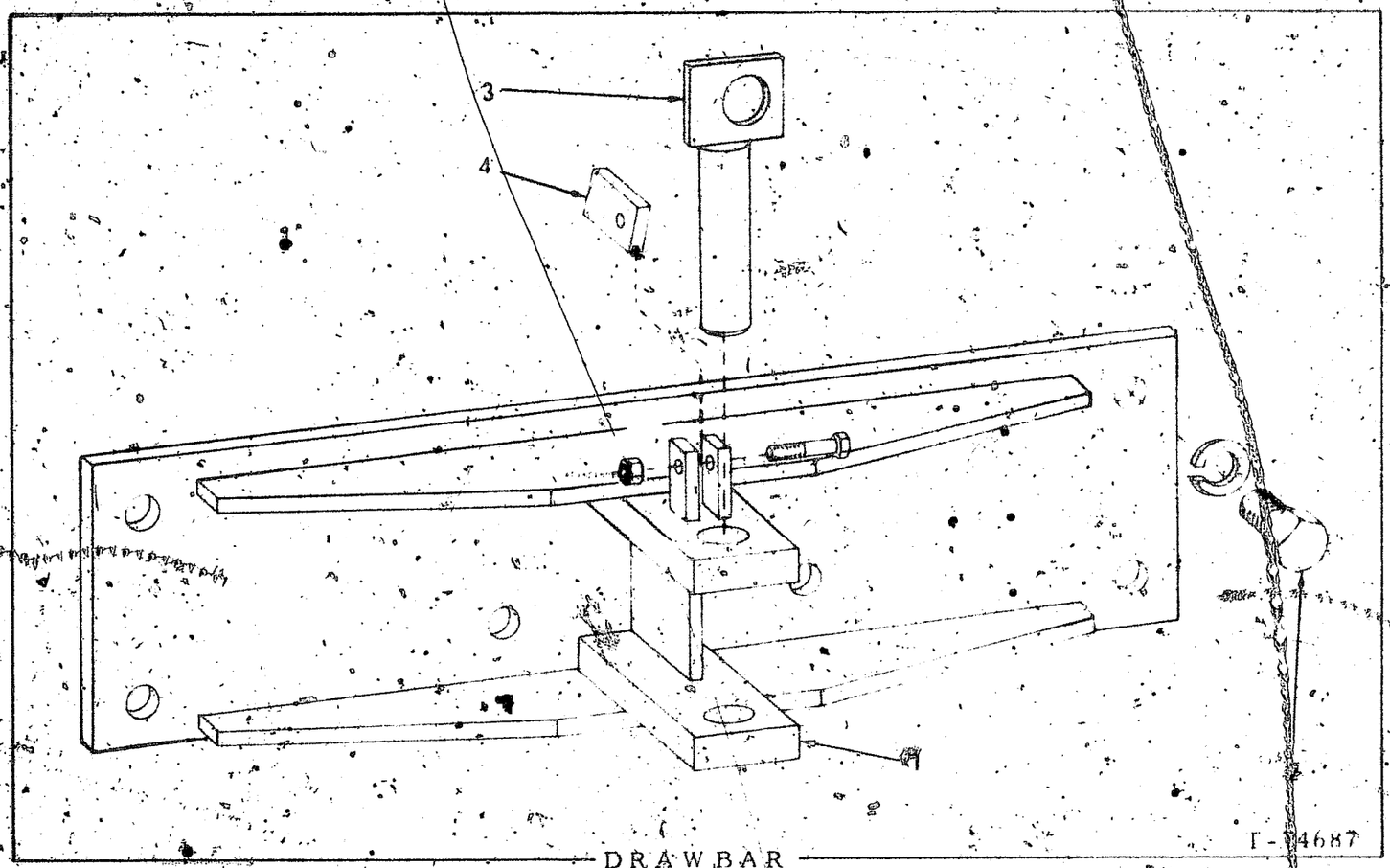
ITEM	PART NO.	QTY.	DESCRIPTION
1	70671729	1	COVER
	70922262	5	CAPSCREW, 3/8" NC x 7/8"
	70677006	5	WASHER, plain
2	70671679	1	COVER
	70921076	4	CAPSCREW, 3/8" NC x 1-1/4"
	70677006	4	WASHER, plain
3	70652348	1	GRILL
	70921076	14	CAPSCREW, 3/8" NC x 1-1/4"
	70677006	14	WASHER, plain
4	70671730	1	COVER
	70922262	4	CAPSCREW, 3/8" NC x 7/8"
	70677006	4	WASHER, plain
5	70652336	1	GRILL
	70921076	16	CAPSCREW, 3/8" NC x 1-1/4"
	70677006	16	WASHER, plain
6	70652322	1	COVER (Includes item 7)
7	70921076	4	CAPSCREW, 3/8" NC x 1-1/4"
8	70922262	6	CAPSCREW, 3/8" NC x 7/8"
	70677006	10	WASHER, plain
9	70670944	2	PLATE
	70921076	8	CAPSCREW, 3/8" NC x 1-1/4"
	70677006	8	WASHER, plain
10	70671698	1	COVER
11	70922262	6	CAPSCREW, 3/8" NC x 7/8"
12	70922763	4	CAPSCREW, 3/8" NC x 1"
	70677006	10	WASHER, plain
13	70652320	1	PLATE
14	70652306	1	COVER (Includes item 9)
15	70922262	8	CAPSCREW, 3/8" NC x 7/8"
16	70922763	4	CAPSCREW, 3/8" NC x 1"
17	70921076	8	CAPSCREW, 3/8" NC x 1-1/4"
	70677006	20	WASHER, plain



DRAWBAR

USAGE: Tractors prior to serial No. 99A02701

ITEM	PART NO.	QTY.	DESCRIPTION	
1	70634089	1	BRACKET	
2	70920342	6	CAPSCREW, 1-1/2"NF x 6"	(Units without counterweight)
	70927215	6	CAPSCREW, 1-1/2"NF x 5-1/4"	(Units with counterweight)
	70912603	6	LOCKWASHER, 1-1/2"	
	70916555	6	NUT, 1-1/2"NF	
3	70098913	1	PIN	
4	70629697	1	BLOCK	
5	70629698	1	PIN	
	70900806	1	PIN, cotter, 1/8" x 1"	
6	70653372	1	BRACKET	Not used on units equipped with counterweight.
7	70925374	6	CAPSCREW, 1-3/4"NF x 4-1/2"	
	70927662	6	WASHER, plain	



DRAWBAR

USAGE: Tractors serial No. 99A02701 and up

ITEM	PART NO.	QTY.	DESCRIPTION
1	0682164	1	DRAWBAR
	0935374	4	CAPSCREW, 1-3/4" NF x 4-1/2"
	0927662	4	WASHER, plain
3	0682170	1	PIN, coupling
4	0674321	1	PLATE, pin retaining
	0922526	1	CAPSCREW, 1/2" NC x 2-1/2"
	0915972	1	NUT, elastic stop, 1/2" NC

NOTICE

Allis-Chalmers Corporation and Fiat S. p. A. entered into a joint venture agreement to combine their manufacture, sale and service of construction machinery products throughout the world after January 1, 1974.

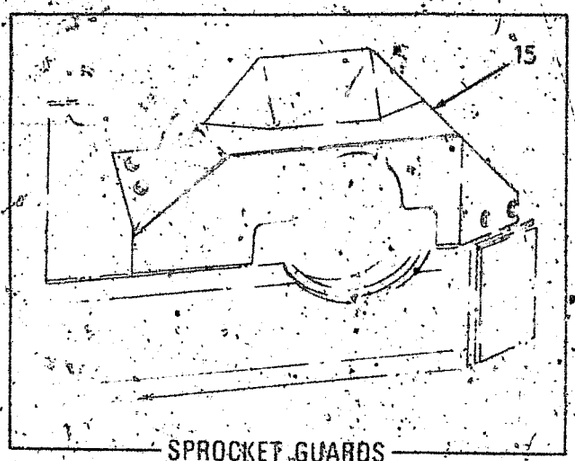
In view of the new enterprise, wherever in this publication reference is made to Allis-Chalmers or your Allis-Chalmers dealer, such reference is intended to identify Fiat-Allis Construction Machinery, Inc. or your Fiat-Allis dealer.

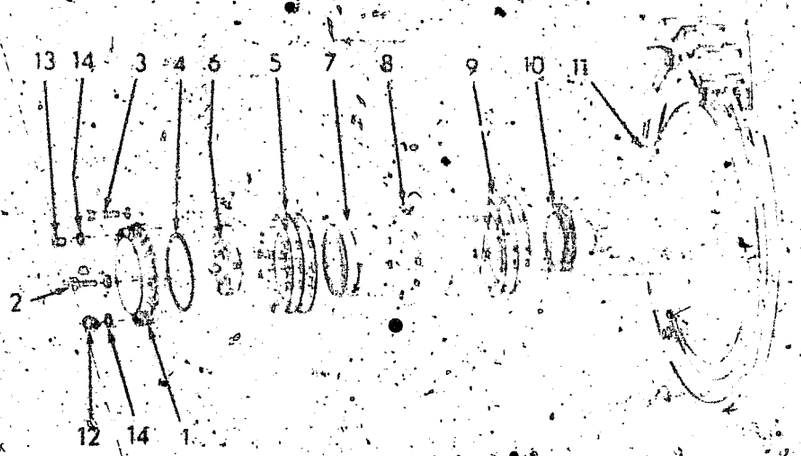
Also, for this new enterprise, a new series of 8-digit part numbers is in effect. This change is accomplished by eliminating the "check digit" wherever it may appear, and then, to this basic part number, prefixing a "7" (or "7" plus one or more zeros) to make a full 8-digit part number.

Examples:

667367	becomes 70667367
0688917-4	becomes 70688917
3060101-7	becomes 73060101

All part numbers listed herein must be changed per the above formula before ordering.





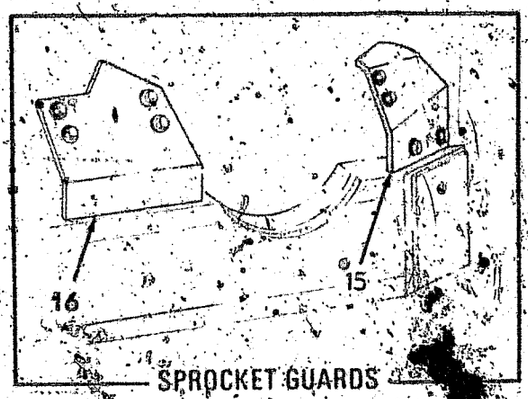
T-75929

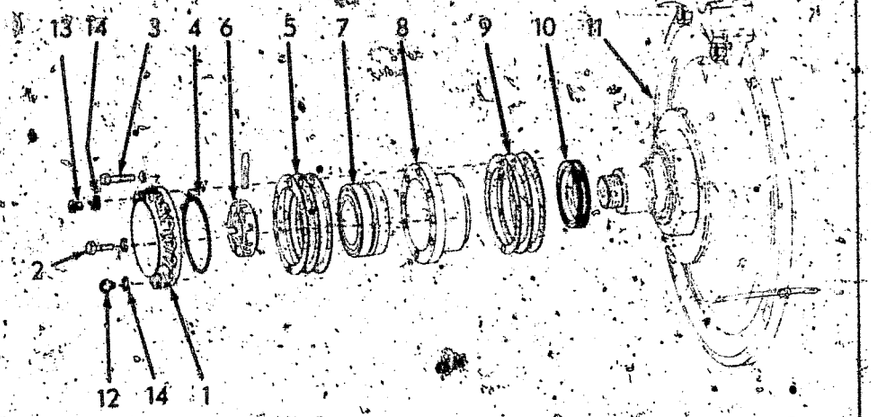
FINAL DRIVE OUTBOARD BEARING AND SEAL

USAGE: Service replacement Bearing with 10.62" O.D. and 4.72" I.D.

ITEM	PART NO.	QTY.	DESCRIPTION
1	70699209	2	RETAINER
2	70921535	4	CAPSCREW, 5/8" NC x 1-3/4"
	70927381	4	WASHER
3	70925483	16	CAPSCREW, 3/4" NC x 3-1/4"
	70928914	16	WASHER
4	70925421	2	O-RING (Tractor unit #02702 and up including exceptions listed below)
5	70689810	8	SHIM (.005" thick) } Use as required
	70689811	6	SHIM (.007" thick) } Use as required
	70689812	4	SHIM (.010" thick) } Use as required
6	70699208	2	NUT
	70916767	2	PIN, roll, 3/8" x 2"
7	70693668	2	BEARING, roller (Each consists of 1 roller and 2 cups. Serviced only as a unit).
8	70699211	2	CAGE
9	70689764	16	SHIM (.015" thick. Use as required)
10	70664470	2	SEAL ASSY. (Includes item 16)
11	----------	-	SPROCKET (See SPROCKET, SHAFT AND GEAR)
12	70696918	2	PLUG, magnetic
13	70035250	2	PLUG
14	70667252	4	GASKET, plug
15	70699145	1	GUARD, left front
	70699146	1	GUARD, right front
	70689861	1	GUARD, left rear
	70689862	1	GUARD, right rear
	70925415	8	CAPSCREW, 3/4" NC x 1-3/4"
	70677012	8	WASHER
	70914941	8	CAPSCREW, 5/8" NC x 2-1/4"
	70677012	8	WASHER
16	70690637	1	RING SET, seal (Enables replacement of the rubber sealing washers without having to replace the steel sealing rings or the entire Seal Assy.)(Includes 2 sealing washers, sufficient to service 1 Seal Assy.) (Not illustrated)

(Added November 1977)





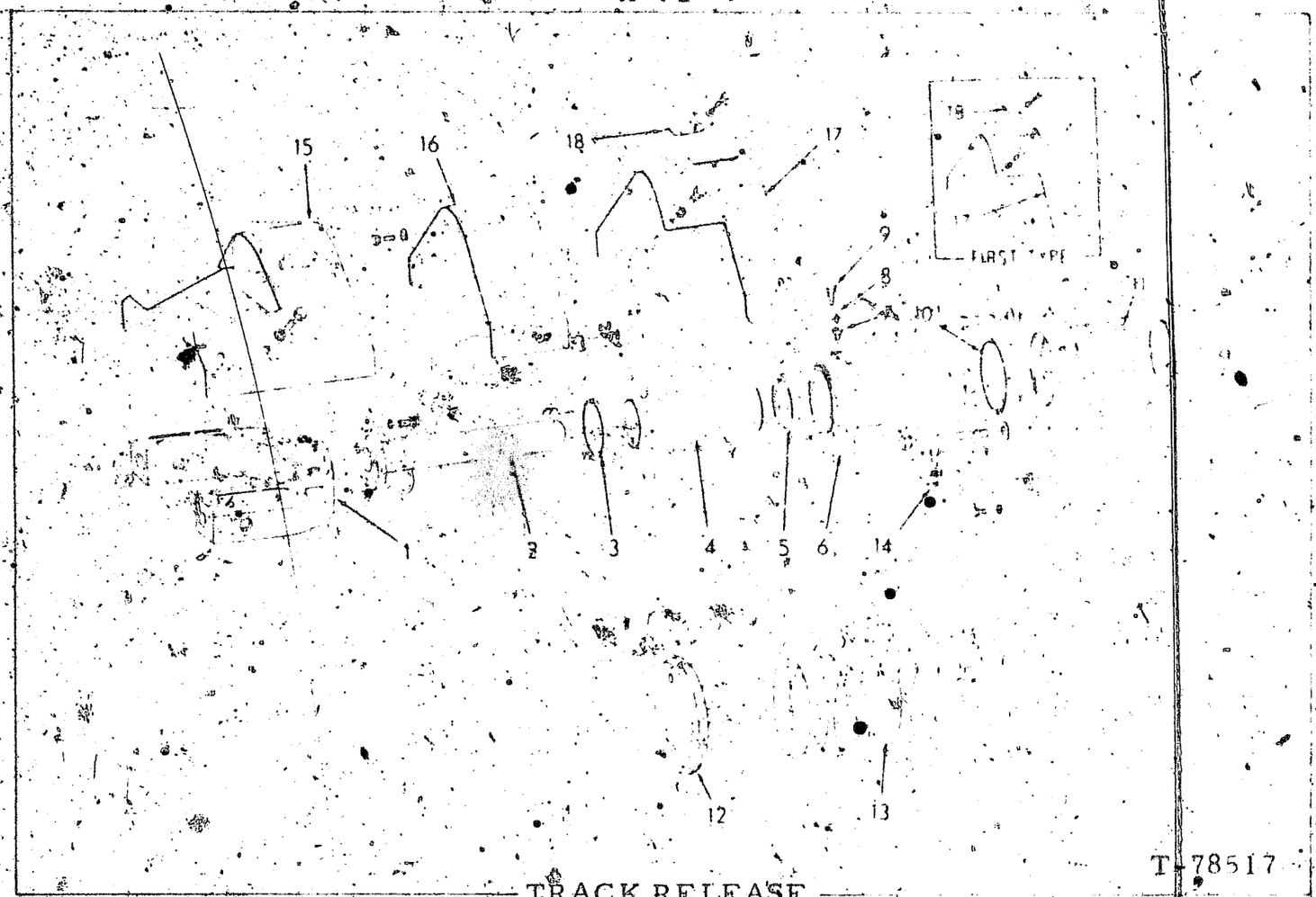
T-75929

FINAL DRIVE OUTBOARD BEARING AND SEAL

USAGE: Service replacement bearing with 10.62" O.D. x 5.90" I.D.

ITEM	PART NO.	QTY.	DESCRIPTION
1	70689738	2	RETAINER
2	70921535	4	CAPSCREW, 5/8" NC x 1-3/4"
	70927381	4	WASHER
3	70925483	16	CAPSCREW, 3/4" NC x 3-1/4"
	70928914	16	WASHER
4	70925421	2	O-RING
5	70689810	8	SHIM (.005" thick) }
	70689811	6	SHIM (.007" thick) } Use as required
	70689812	4	SHIM (.010" thick) }
6	70682548	2	NUT
6A	70915494	2	PIN, roll, 3/8" x 2-1/4"
7	70689614	2	BEARING, rollen (Each consists of 1 roller and 2 cups. Serviced only as a unit)
8	70689732	2	CAGE
9	70689764	22	SHIM (.015" thick. Use as required)
10	70682541	2	SEAL (Includes item 17)
11	--------	-	SPROCKET (See SPROCKET, SHAFT AND GEAR)
13	70697814	4	PLUG, magnetic
14	70921235	4	O-RING
15	70689861	1	GUARD, left side (rear)
	70689862	1	GUARD, right side (rear)
	70925415	8	CAPSCREW, 3/4" NC x 1-3/4"
	70677012	8	WASHER
16	70699145	1	GUARD, left side (front)
	70699146	1	GUARD, right side (front)
	70925415	8	CAPSCREW, 3/4" NC x 1-3/4"
	70677012	8	WASHER
17	70699042	1	RING SET, seal (Enables replacement of the rubber sealing washers without having to replace the steel sealing rings or the entire Seal Assy.)(Includes 2 sealing washers, sufficient to service 1 Seal Assy.) (Not illustrated)

(Revised June 1979)



T-78517

TRACK RELEASE

USAGE: See I-17 (Service replacement)

ITEM	PART NO.	QTY.	DESCRIPTION
1	70659013	2	YOKE
2	70685975	2	BAR, push
	70921556	8	CAPSCREW, 1/2" NC x 2"
	70912441	8	LOCKWASHER, 1/2"
3	70685985	2	SEAL, piston, small
4	70685965	2	PISTON, adjusting
5	70685995	2	SEAL, piston, large
6	70685956	2	CYLINDER
7	70676455	2	CHECK BALL ASSY., pressurizing (includes ball)
8	70676456	2	FITTING, check ball assy.
9	70693719	2	VALVE ASSY., relief
10	70685986	4	SEAL, cylinder
11	70685934	2	HOUSING, cylinder
	70915276	2	FITTING, lubricating, 1/8" NPT
	70927314	8	CAPSCREW, 1" NG x 3-1/2"
	70928189	8	WASHER
	70692718	8	CAPSCREW, 1-1/8" NC x 10"
	70926205	8	WASHER
12	70697321	2	PLATE
13	70685976	2	SPRING

(Continued)

(Added November 1977)

TRACK RELEASE (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
14	70694587	2	PLATE
	70921411	8	CAPSCREW, 5/8"NC x 1-1/2"
	70677010	4	WASHER
	70670670	4	WASHER
15	70653096	2	GUARD, front section
	70925415	8	CAPSCREW, 3/4"NC x 1-3/4"
	70677012	8	WASHER
16	70669767	2	GUARD, intermediate section
	70925415	4	CAPSCREW, 3/4"NC x 1-3/4"
	70677012	4	WASHER
17	70685993	1	GUARD, rear section, left side
	70685994	1	GUARD, rear section, right side
	70925415	4	CAPSCREW, 3/4"NC x 1-3/4"
	70677012	4	WASHER
18	70669338	2	COVER
	70920582	4	CAPSCREW, 1/2"NC x 1-1/4"
	70677008	4	WASHER

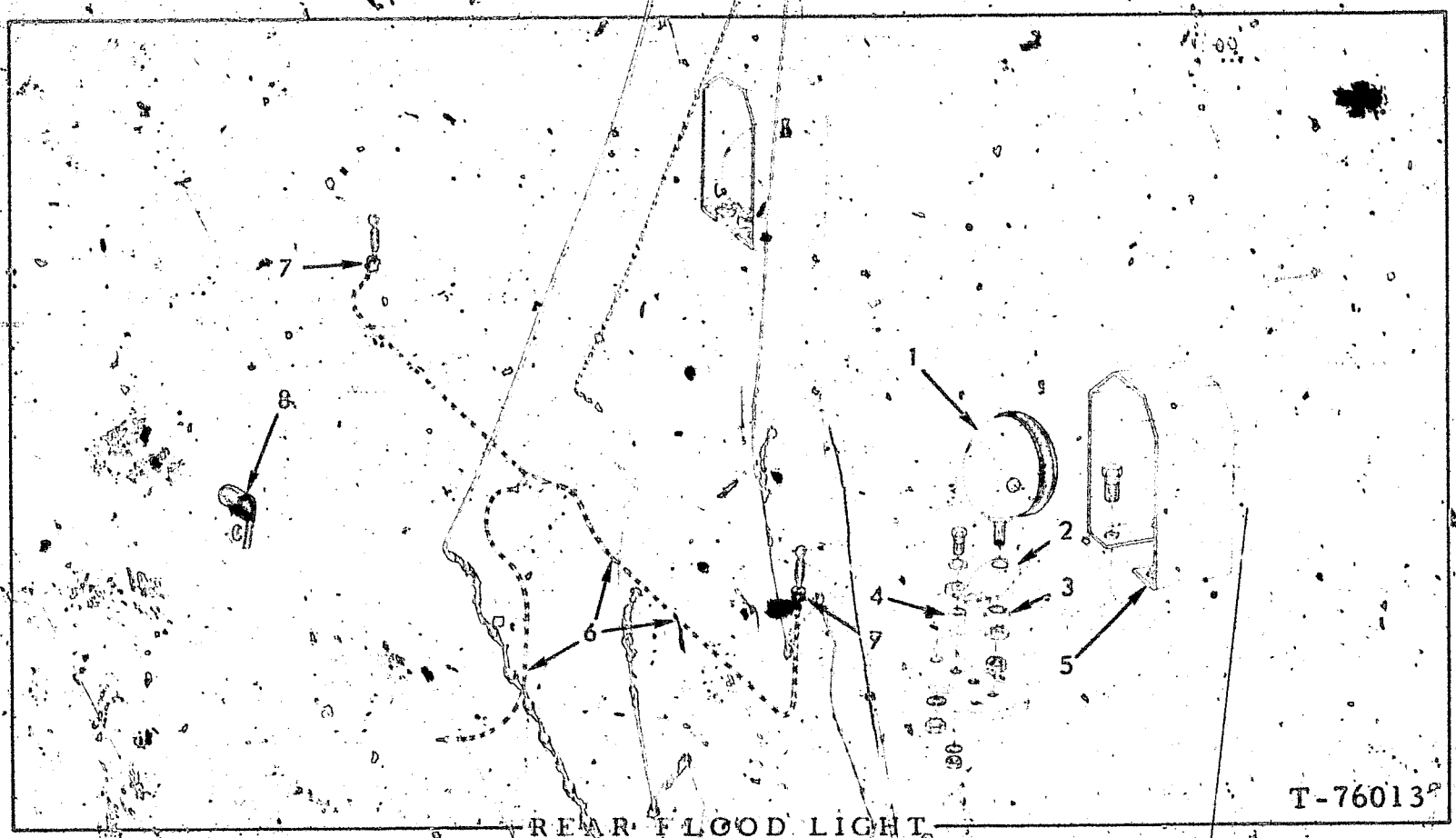
(Added November 1977)

NEW OR REPLACEMENT PART NOS. ISSUED IN 6-79 UPDATE

70035250...1G-16
70664149...2D-11
70664150...2D-11
70667252...1G-16
70668387...2D-11
70696026...1I-4
70696608...1G-16
70697814...1K-9
70921285...1K-9
70925919...2F-17
70928838...1G-16
70931753...2F-17
70668394...2D-11
70931857...2F-14
73069494...2D-12
73069495...2D-11
73073214...2D-9
73073269...2D-3
73109108...1G-16
73110369...2D-11
73112943...2D-15
73116456...2D-11
73116457...2D-11
73116501...2D-11
73116502...2D-11
73116504...2D-11
73117504...1I-6

NEW OR REPLACEMENT PART NOS. ISSUED IN 8/80 UPDATE

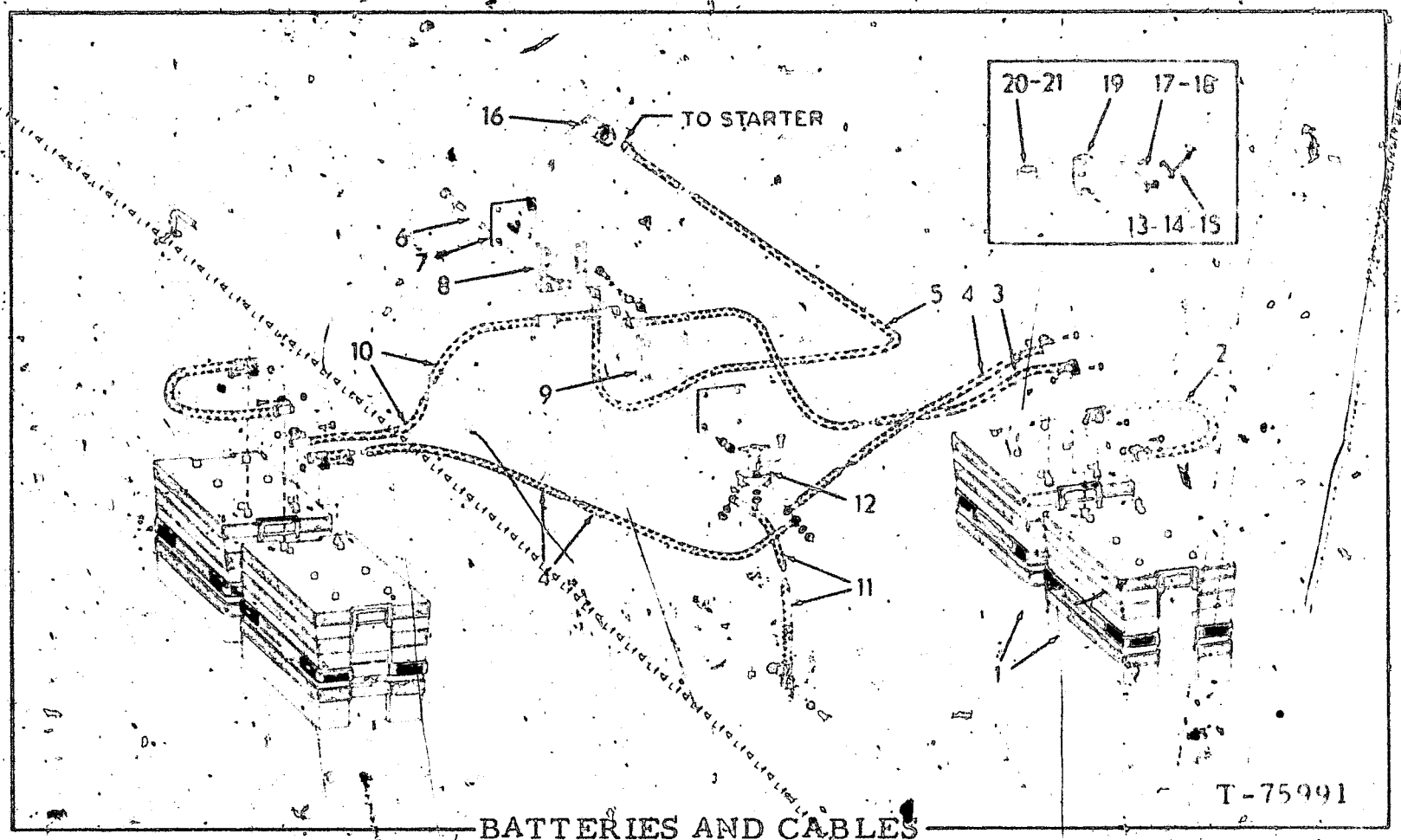
70655636...1H-24
70695811...1H-24
70919062...1E-18
70921569...1H-24
73107708...1H-23
73127709...1H-23
73107710...1H-23
73112569...1H-24
73113308...1G-20
73113426...1F-21
73113464...1H-24
73113465...1H-24
73113466...1H-24
73113470...1H-24
73113471...1H-24
73113472...1E-21
73113473...1H-24
73113474...1H-23
73113475...1H-24
73113476...1H-24
73115394...1G-19
73116011...1G-16
73117399...1H-23
73117950...1G-19
73122012...2E-4



REAR FLOOD LIGHT

USAGE: Special Equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	0621429	2	LIGHT ASSY. (See B-3)
	0064531	2	WASHER, plain
	0911043	2	NUT, 1/2"NF
2	0075429	2	BRACKET
	0927174	4	CAPSCREW, 3/8"NC x 2-1/2"
	0044973	4	WASHER, plain
	0910282	4	LOCKWASHER, 3/8"
	0911026	4	NUT, 3/8"NC
3	0075535	2	WASHER
4	0085452	4	SPACER
5	0670774	2	GUARD
	0920583	8	CAPSCREW, 1/2"NC x 1-1/2"
	0064531	8	WASHER, plain
	0911028	8	NUT, 1/2"NC
6	0664558	1	CABLE
7	0087855	2	GROMMET
8	0639388	6	CLIP
	0927400	6	CAPSCREW, 3/8"NC x 5/8"
	0044973	6	WASHER, plain



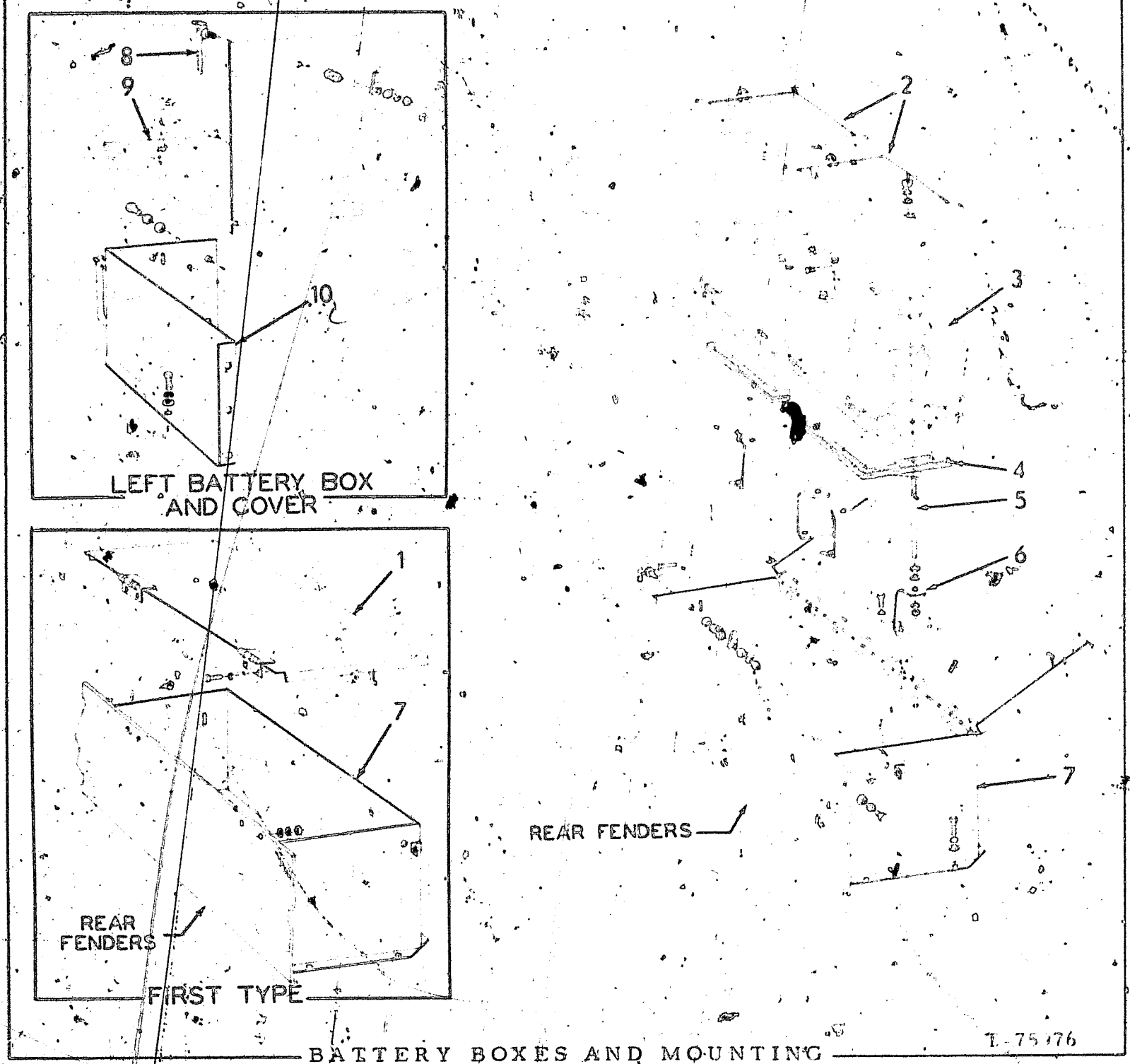
BATTERIES AND CABLES

ITEM	PART NO.	QTY.	DESCRIPTION
1	70695472	4	BATTERY, 12 volt (Each requires 15.7 qts. electrolyte)
1A	70243526	1	ELECTROLYTE ("Z" pack - 6.1 quarts)
	70243527	1	ELECTROLYTE ("F" pack - 5 gallons)
1B	70243528	1	HOSE (For use with 5 - gallon pack)
2	70653598	2	CALBE
3	70653675	1	CABLE
	70922262	1	CAPSCREW, 3/8"NC x 7/8"
	70910287	1	LOCKWASHER, 3/8"
	70911026	1	NUT, 3/8"NC
4	70653649	2	CABLE
5	70653672	1	CABLE
6	70069801	4	TUBE
7	70069800	2	PLATE
	70924843	4	CAPSCREW, 3/8"NC x 3-1/2"
	70910287	4	LOCKWASHER, 3/8"
	70911026	4	NUT, 3/8"NC
8	70069803	1	BLOCK
9	70069802	1	BLOCK
10	70653674	1	CABLE

(Continued)

BATTERIES AND CABLES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
11	0653673	1	CABLE
	0922763	1	CAPSCREW, 3/8"NC x 1"
	0910287	1	LOCKWASHER, 3/8"
	0916543	1	LOCKWASHER, internal tooth, 3/8"
12	0696908	1	SWITCH
	0927541	2	CAPSCREW, 1/4"NC x 3/4"
	0910285	2	LOCKWASHER, 1/4"
	0911024	2	NUT, 1/4"NC
13	0610739	4	BOOT
14	0076469	13	BOOT
15	0686275	2	BOOT
16	0076572	1	BOOT
17	0921911	4	CLAMP, hose
18	0921912	17	CLAMP, hose, 1-1/16" to 2" diam.
19	0633653	16	CLIP
	0922262	6	CAPSCREW, 3/8"NC x 7/8"
	0922763	2	CAPSCREW, 3/8"NC x 1"
	0927225	1	CAPSCREW, 3/8"NC x 1-5/8"
	0920996	2	CAPSCREW, 3/8"NC x 2-1/4"
	0910287	11	LOCKWASHER, 3/8"
	0677006	4	WASHER, plain
20	0617952	2	BLOCK
21	0605923	1	BLOCK



BATTERY BOXES AND MOUNTING

ITEM	PART NO.	QTY.	DESCRIPTION	
1	70652377	1	COVER	
	70921076	4	CAPSCREW, 3/8"NC x 1-1/4"	Tractors prior to unit #02471
	70911115	4	WASHER, plain, SAE std., 3/8"	
	70044973	4	WASHER, plain	
	70904206	4	LOCKWASHER, 3/8"	
	70911026	4	NUT, 3/8"NC	
2	70663727	4	HOLD DOWN	
3	-------	4	BATTERY (See B-9)	

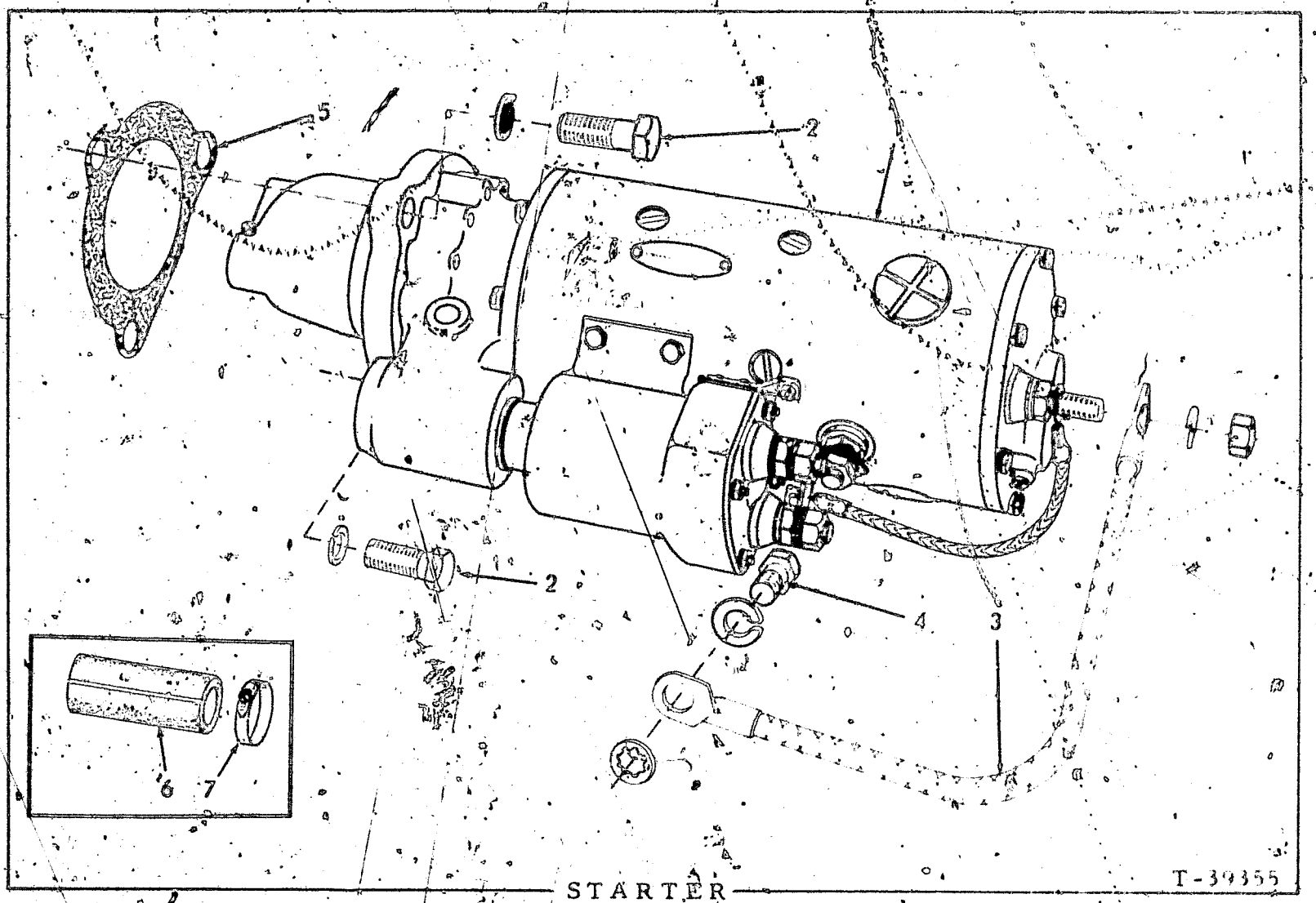
(Continued)

BATTERY BOXES AND MOUNTING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
4	70089680	4	PAD
5	70619814	8	ROD
	70677008	16	WASHER, plain
	70912441	16	LOCKWASHER, 1/2"
	70911043	24	NUT, 1/2"NF
6	70662745	8	ANGLE
	70920583	16	CAPSCREW, 1/2"NC x 1-1/2"
	70912441	16	LOCKWASHER, 1/2"
7	70652370	1	BOX (Tractors prior to unit #02471)
	70685347	1	BOX ASSY. (Includes cover)(Tractors unit #02471 and up)
	70922763	4	CAPSCREW, 3/8"NC x 1"
	70921076	8	CAPSCREW, 3/8"NC x 1-1/4"
	70677006	8	WASHER, plain
	70683421	4	WASHER, plain
8	70650901	4	LOCK
	70911115	9	WASHER, plain, SAE std., 3/8"
9	70665144	1	COVER
10	70653576	1	BOX
	70922763	5	CAPSCREW, 3/8"NC x 1"
	70921076	5	CAPSCREW, 3/8"NC x 1-1/4"
	70677006	8	WASHER, plain
	70683421	2	WASHER, plain

TOOL BOX
(Not Illustrated)

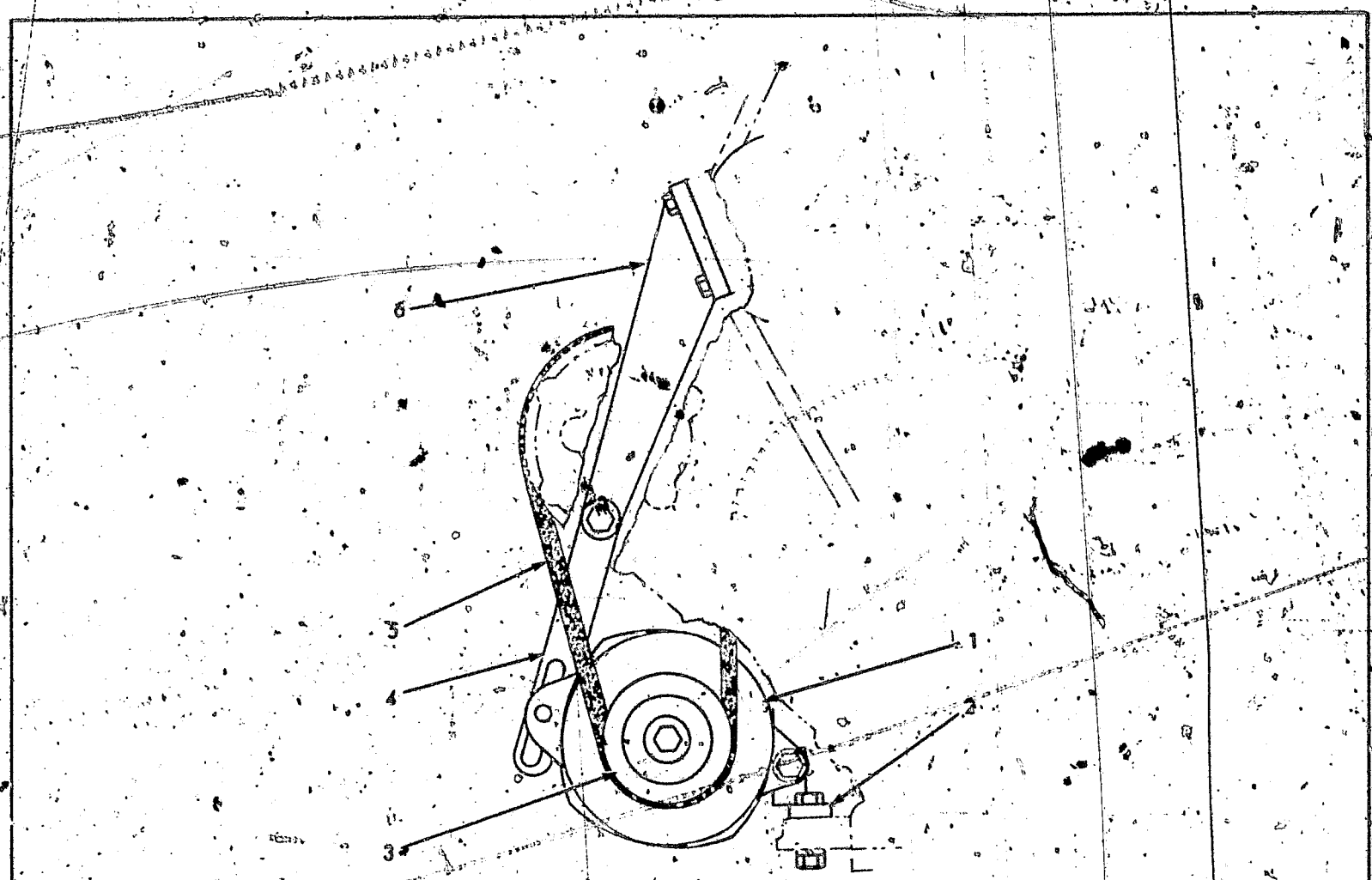
ITEM	PART NO.	QTY.	DESCRIPTION
1	70604943	1	BOX
	70916272	4	CAPSCREW, 3/8"NC x 1-1/4"
	70904206	4	LOCKWASHER, 3/8"
	70044973	4	WASHER, plain



STARTER

T-39355

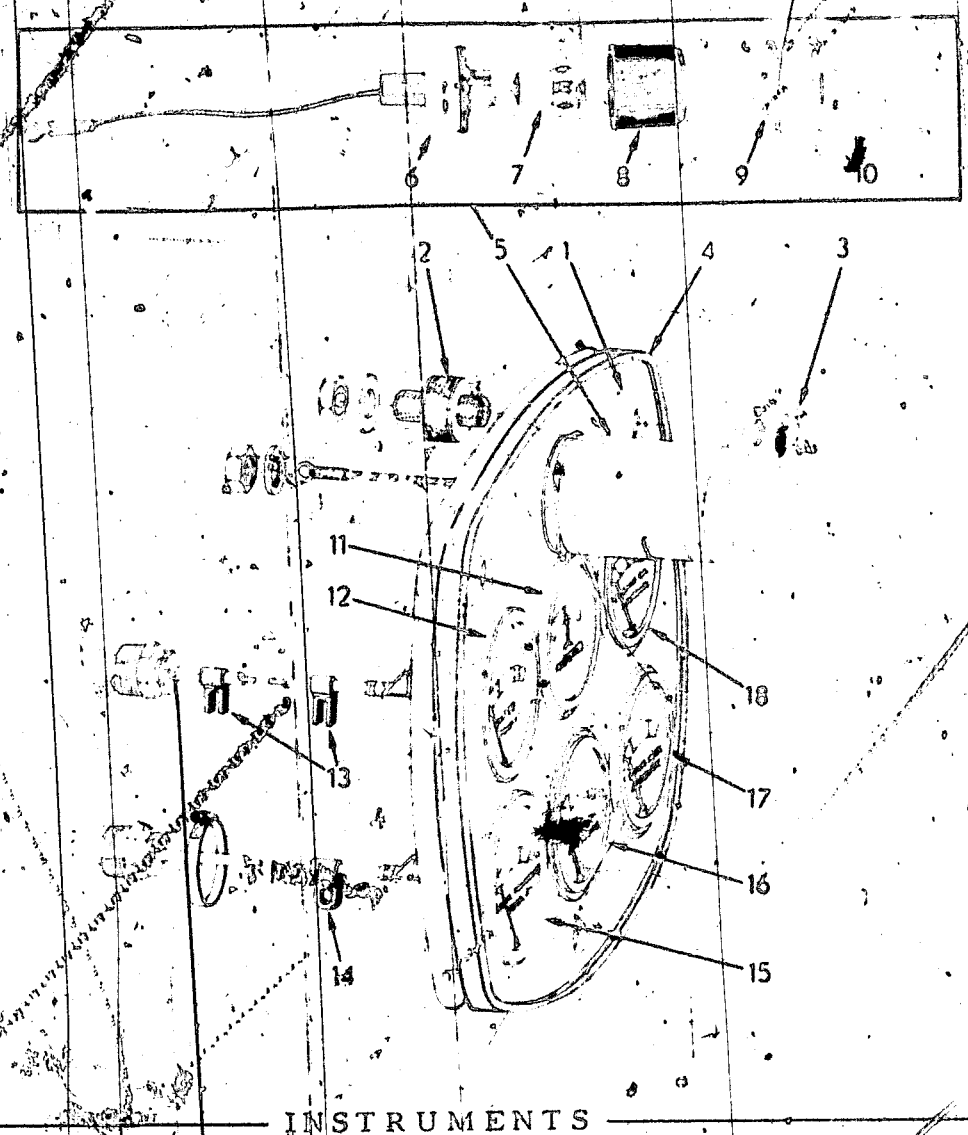
ITEM	PART NO.	QTY.	DESCRIPTION
1	0675686	1	MOTOR (Delco-Remy #1109979)(Order parts from local United Motors Service Agency)
2	0921069	3	CAPSCREW, 5/8"NC x 1-7/8"
	0912942	3	LOCKWASHER, 5/8"
	0911044	1	NUT, 5/8"NF
3	0653648	1	CABLE
4	0927219	1	CAPSCREW, 1/2"NC x 3/4"
	0912441	1	LOCKWASHER, regular, 1/2"
	0914316	1	LOCKWASHER, int-tooth, 1/2"
5	0631572	1	GASKET
6	0670739	1	BOOT
7	0921911	2	CLAMP



T-76004

ALTERNATOR

ITEM	PART NO.	QTY.	DESCRIPTION
1	70662020	1	ALTERNATOR ("Delco-Remy" #1117236)(Order parts from local "United Motors Service" agency)
	70915987	1	CAPSCREW, 1/2"NC x 1-1/2" — Tractors prior to unit #02401 excluding 02048
	70916313	1	CAPSCREW, 1/2"NC x 1-3/4" — Tractors prior to unit #02401 excluding 02048
	70910244	2	WASHER, plain, SAE std., 1/2" — Tractors prior to unit #02401 excluding 02048
	70682215	1	CAPSCREW, 1/2"NF x 6-1/4" — Tractors unit #02401 and up including 02048
	70928460	3	WASHER, plain — Tractors unit #02401 and up including 02048
	70910867	1	NUT, 1/2"NF — Tractors unit #02401 and up including 02048
	70900806	1	PIN, cotter, 1/8" x 1" — Tractors unit #02401 and up including 02048
2	70663973	1	BRACKET (Tractors prior to unit #02401 excluding 02048)
	70682214	1	BRACKET (Tractors unit #02401 and up including 02048)
	70924864	2	CAPSCREW, 1/2"NC x 2-1/4"
	70677008	2	WASHER, plain
	70912441	2	LOCKWASHER, 1/2"
	70911028	2	NUT, 1/2"NC
	70661958	1	PULLEY
4	70663981	1	STRAP
	70916311	2	CAPSCREW, 1/2"NC x 1-1/4"
	70904208	1	LOCKWASHER, 1/2"
	70910244	2	WASHER, plain, SAE std., 1/2"
5	70663945	1	BELT
6	70663998	1	BRACKET
	70922211	4	CAPSCREW, Nylok, 3/8"NC x 1-1/4"



I-75985

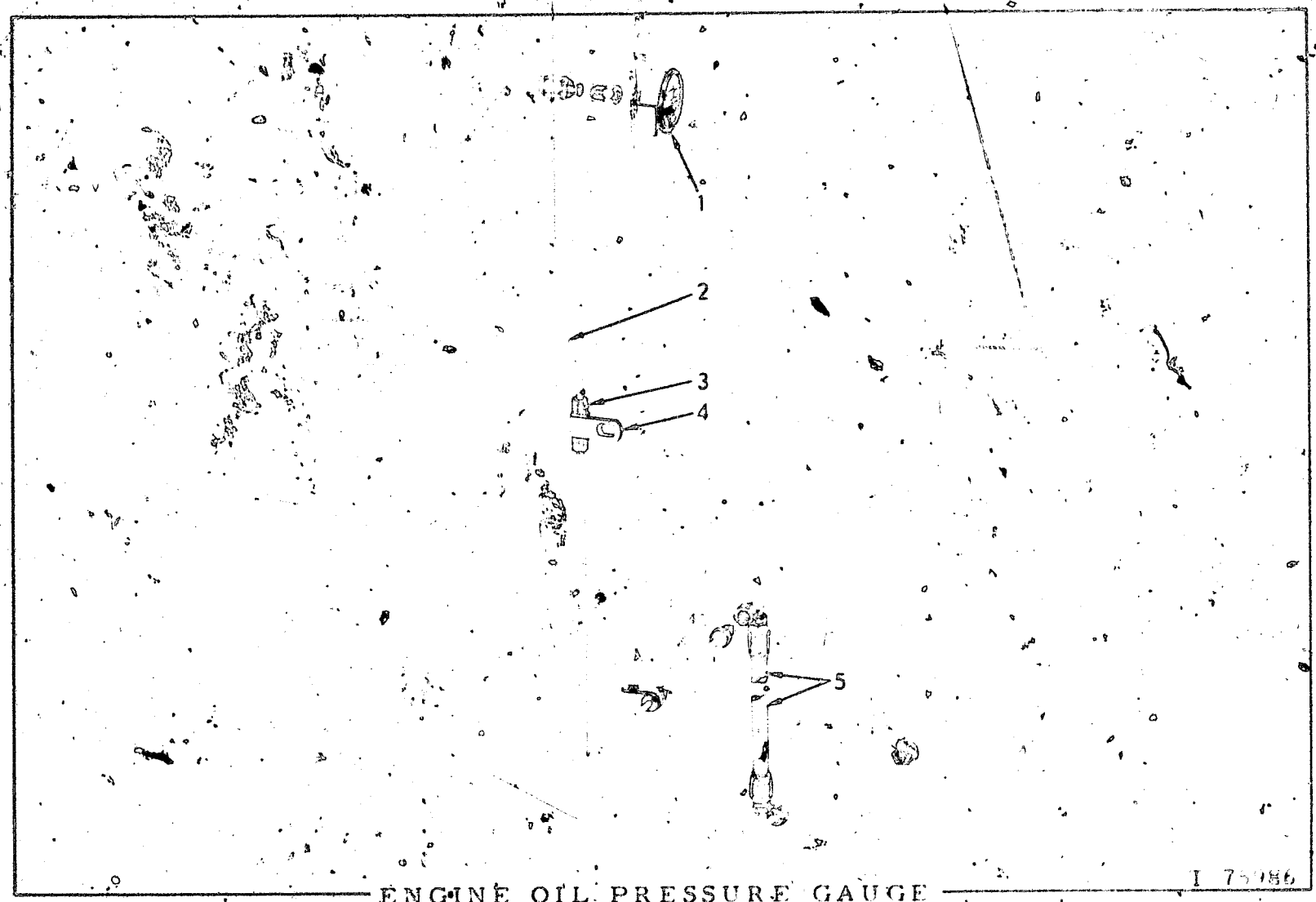
INSTRUMENTS

ITEM	PART NO.	QTY.	DESCRIPTION
1	70656905	1	PLATE (Tractors prior to unit #02735)
	70686358	1	PLATE (Tractors unit #02735 and up)
2	70642746	3	CUSHION
	70910287	3	LOCKWASHER, 3/8"
	70911048	3	NUT, jam, 3/8"NF
3	70924950	3	NUT
	70924607	3	WASHER, plain (Tractors unit #02735 and up)
4	70656923	1	SEAL (Tractors prior to unit #02735)
	70686516	1	SEAL (Tractors unit #02735 and up)
5	70681709	1	LIGHT ASSY. (Includes items 6 thru 10)
	70910334	1	LOCKWASHER, int-tooth, 5/8"
	70911049	1	NUT, jam, 5/8"NF
6	-------	1	BASE ASSY. (Not serviced separately)
7	70074452	1	BULB
8	70095267	1	LENS
9	70095265	1	SPRING
10	70659002	1	COVER

(Continued)

INSTRUMENTS (Continued)

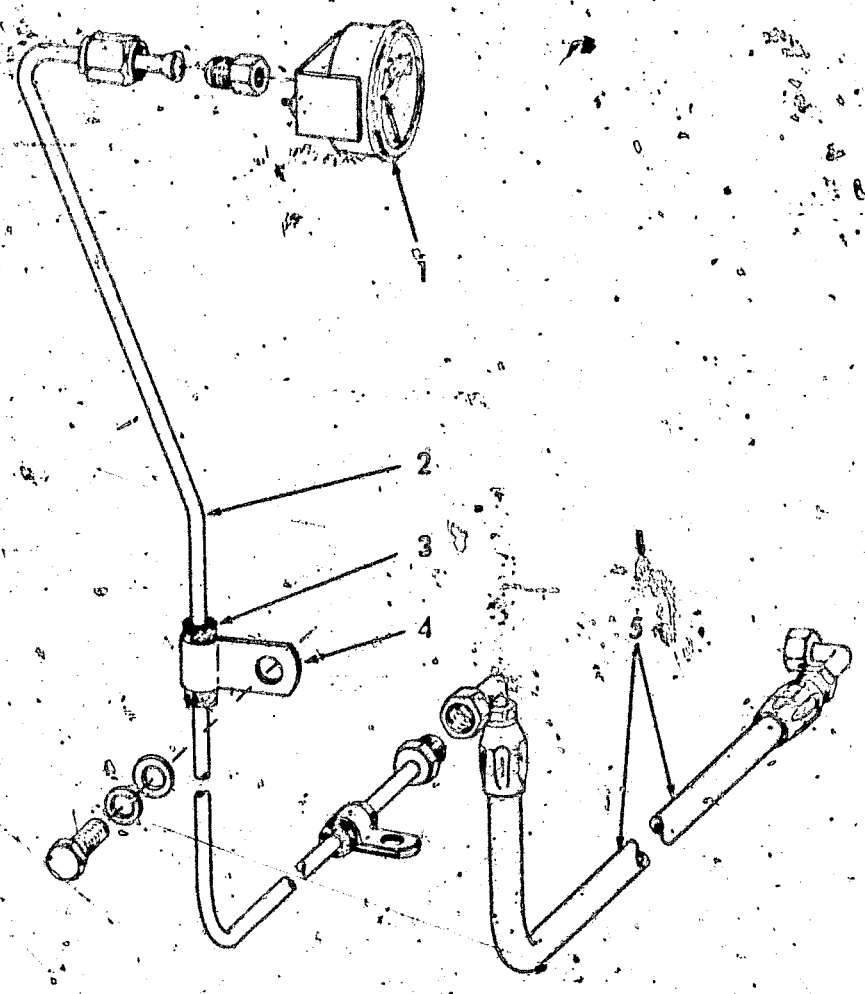
ITEM	PART NO.	QTY.	DESCRIPTION
11	70658534	1	AMMETER
12	70658397	1	GAUGE, engine temperature
13	70639313	4	CLIP (One less used on units 01408 and up)
	70922763	1	CAPSCREW, 3/8"NC x 1"
	70677006	1	WASHER, plain
14	70644883	3	CLIPS
15	70638216	1	GAUGE, torque converter temperature
	70921943	1	CLAMP, hose, 1-13/16" to 2-3/4"
16	-------	1	GAUGE (See TRANMISSION HYDRAULIC PRESSURE GAUGE)
17	-------	1	GAUGE (See TRANSMISSION LUBRICATING OIL PRESSURE GAUGE)
18	-------	1	GAUGE (See ENGINE OIL PRESSURE GAUGE)



ENGINE OIL PRESSURE GAUGE

I 75186

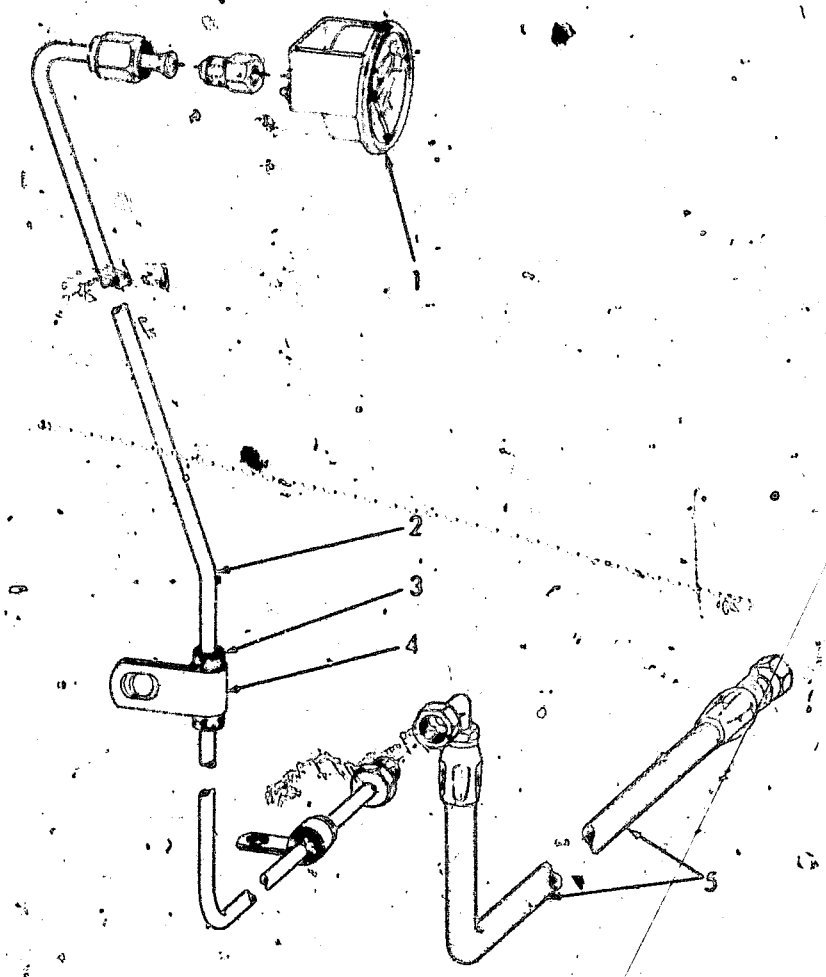
ITEM*	PART NO.	QTY.	DESCRIPTION
1	0670238	1	GAUGE
2	0653656	1	TUBE
	0919174	1	CONNECTOR, flare type, 1/4" tube, 1/8" NPT female
3	0093972	2	BOOT
4	0047381	2	CLIP
5	0677762	1	HOSE (See HOSE PARTS)



T-75987

TRANSMISSION HYDRAULIC PRESSURE GAUGE

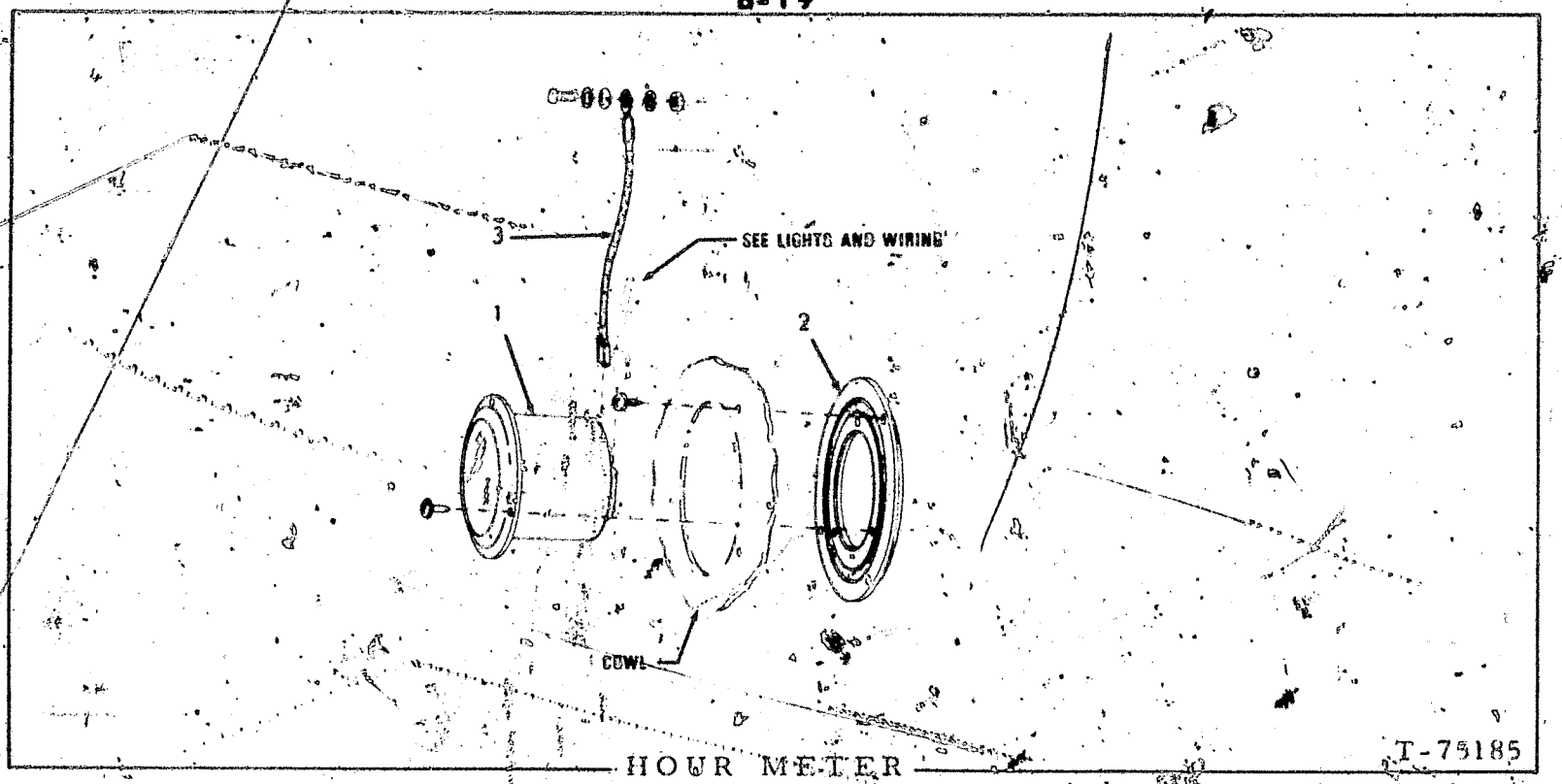
ITEM	PART NO.	QTY.	DESCRIPTION
1	70676408	1	GAUGE
2	70653654	1	TUBE
	70919174	1	CONNECTOR, flare type, 1/4" tube, 1/8"NPT female
3	70093972	2	BOOT
4	70047381	2	CLIP
	70922763	1	CAPSCREW, 3/8"NC x 1"
	70677006	1	WASHER
5	70638099	1	HOSE (See HOSE PAR[illegible]



(8) I. 75988

TRANSMISSION LUBRICATING OIL PRESSURE GAUGE

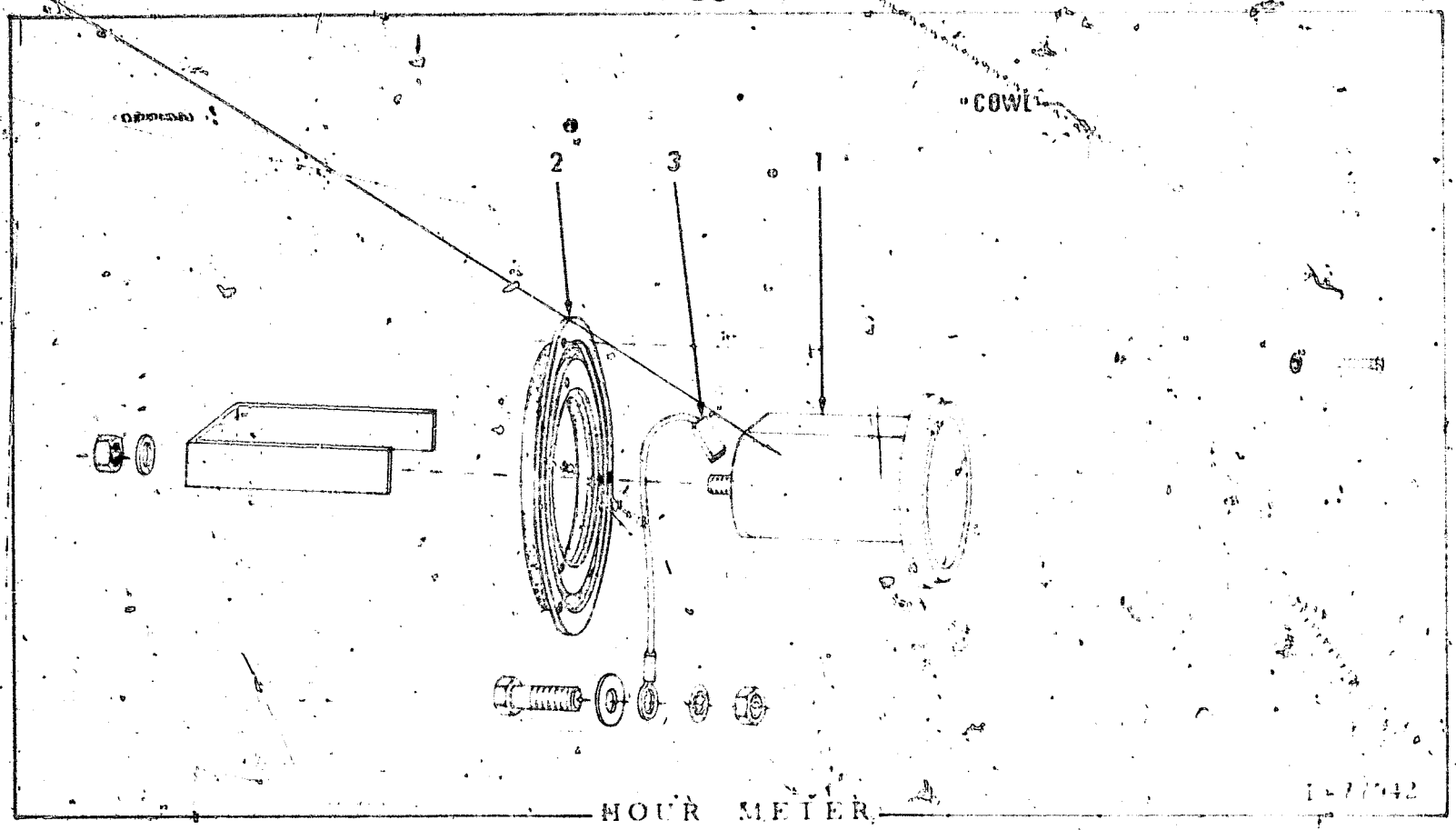
ITEM	PART NO.	QTY.	DESCRIPTION
1	0676409	1	GAUGE
2	0653655	1	TUBE
	0919174	1	CONNECTOR, flare type, 1/4" tube, 1/8"NPT female
3	0093972	2	BOOT
4	0047381	2	CLIP
5	0652953	1	HOSE (See HOSE PARTS)



HOUR METER

USAGE: Tractors prior to serial No. 99A02820

ITEM	PART NO.	QTY.	DESCRIPTION
1	70650299	1	METER (See NOTE below)
	70918210	3	SCREW, thread-cutting, #6 x 1/2" (Includes lockwasher)
			NOTE: Meter carries manufacturer's warranty and in case of failure should not be returned to Fiat-Allis. Return "Hobbs meter to nearest Stewart-Warner agency. Return "Hamilton" meter to Hamilton Watch Company, Industrial Products Division, Lancaster, Pa.
2	70066467	1	DAMPER
	70918210	3	SCREW, thread-cutting, #6 x 1/2" (Includes lockwasher)
3	70630917	1	CABLE
	70916285	1	CAPSCREW, 1/4"NC x 1"
	70909367	1	LOCKWASHER, internal tooth, 1/4"
	70911114	1	WASHER, plain, SAE std., 1/4"
	70904204	1	LOCKWASHER, 1/4"
	70911024	1	NUT, 1/4"NC



HOUR METER

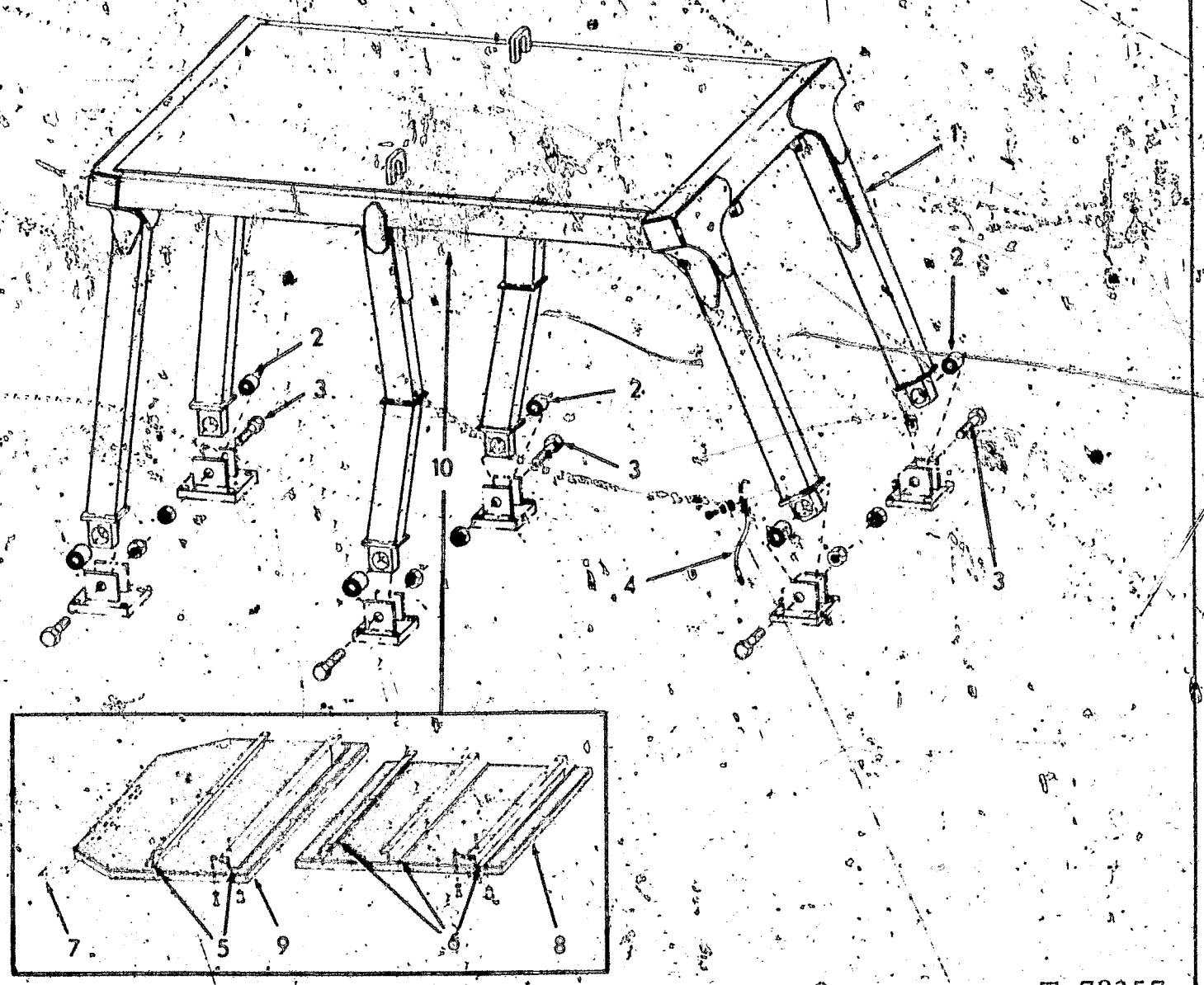
USAGE: Tractor serial No. 99A02820 and up

ITEM	PART NO.	QTY.	DESCRIPTION
1	70688997	1	METER, hour (Includes mounting clamp)
2	70066467	1	DAMPER
	70922928	3	SCREW, #6 NC x 1/2"
3	70630947	1	CABLE, ground
	70927401	1	CAPSCREW, 1/4" NC x 1"
	70677004	2	WASHER, plain
	70920187	1	LOCKWASHER, internal-tooth, 1/4"
	70911024	1	NUT, 1/4" NC

NOTE: Meter carries manufacturer's warranty, and in case of failure should not be returned to Hint-Allis. Return to nearest Stewart-Warner agency.

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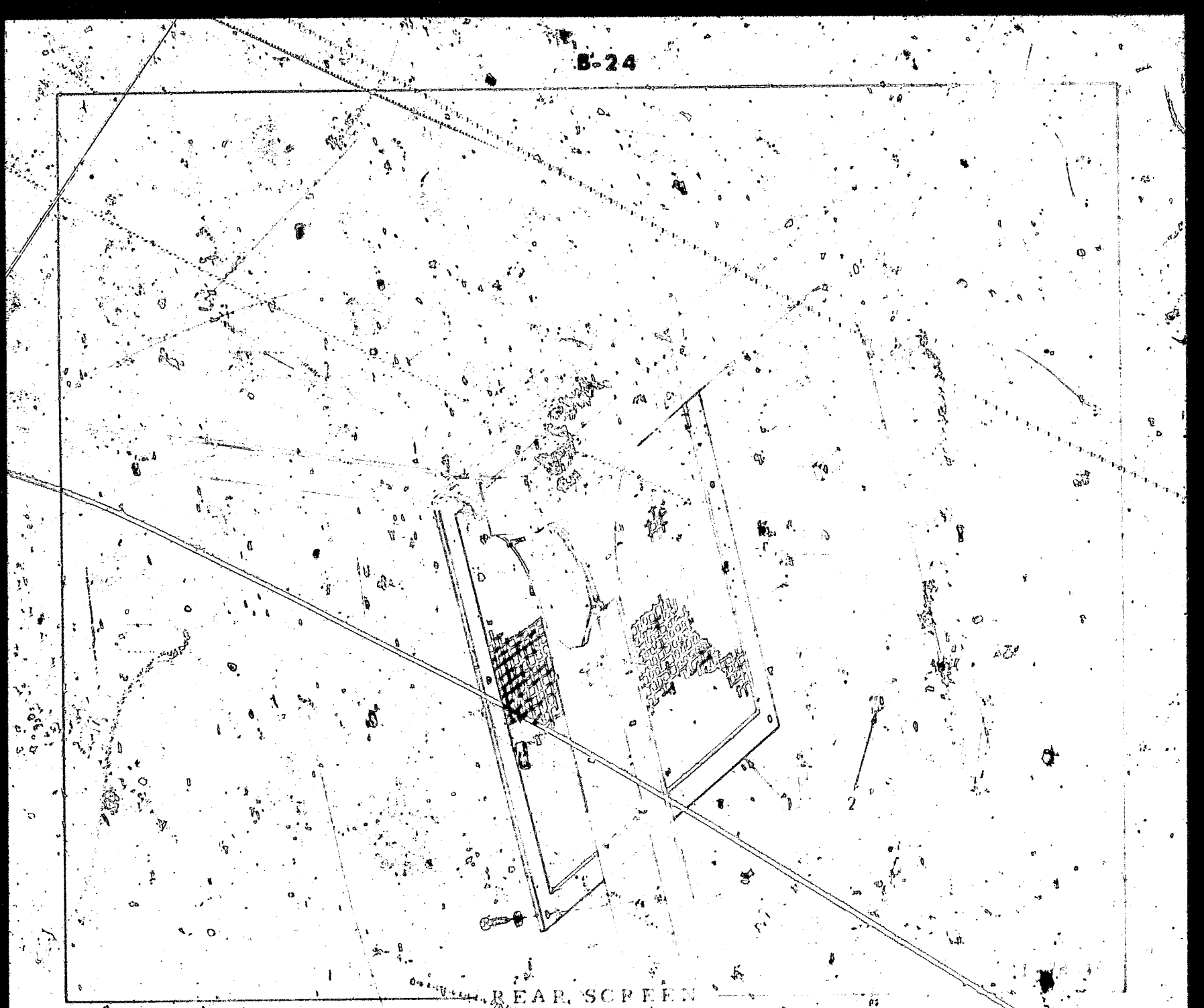


T-78357

ROLL OVER PROTECTION FRAME

USAGE: Special equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	70635219	1	FRAME ASSY. (Includes item 2)
2	70684837	6	BUSHING
3	70688849	6	CAPSCREW, frame mounting
	70917792	6	NUT, elastic stop, 1-1/4"NC
4	70093176	1	CABLE, ground
	70922262	2	CAPSCREW, 3/8"NC x 7/8"
	70677006	2	WASHER
	70906960	2	LOCKWASHER, internal tooth, 3/8"
5	70698375	2	CHANNEL
	70922300	6	CAPSCREW, 3/8"NC x 3/4"
	70677006	6	WASHER
6	70698436	3	CHANNEL
	70922300	9	CAPSCREW, 3/8"NC x 3/4"
	70677006	9	WASHER
7	70698373	1	STRIP
8	70698370	1	INSULATION
9	70698371	1	INSULATION
	73064776	22	FASTENER
10	70698463	1	HEADLINER KIT (Includes items 5 thru 9)



USAGE: Special equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	70685498	1	SCREEN
	70920583	5	CAPSCREW, 1/2" NC x 1-1/2"
	70677008	5	WASHER, plain
2	70655936	5	BLOCK (Required welding to install)

FOR NEW PART NUMBERS INTRODUCED ON THIS FICHE ISSUANCE SEE GRID L-1, L-2

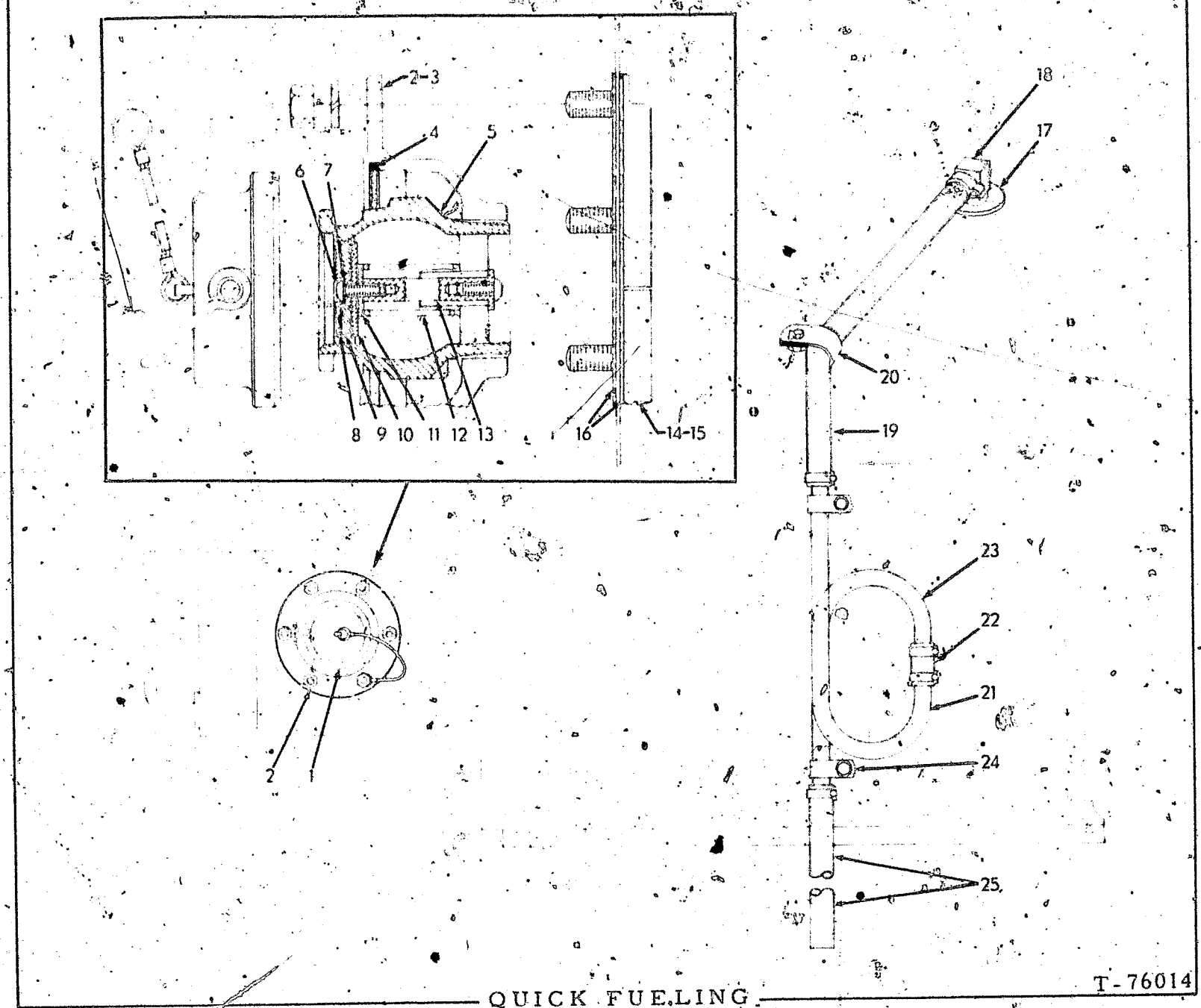
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FOR NEW PART NUMBERS INTRODUCED ON THIS FICHE ISSUANCE SEE GRID L-1, L-2

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QUICK FUELING T-76014

USAGE: Special equipment

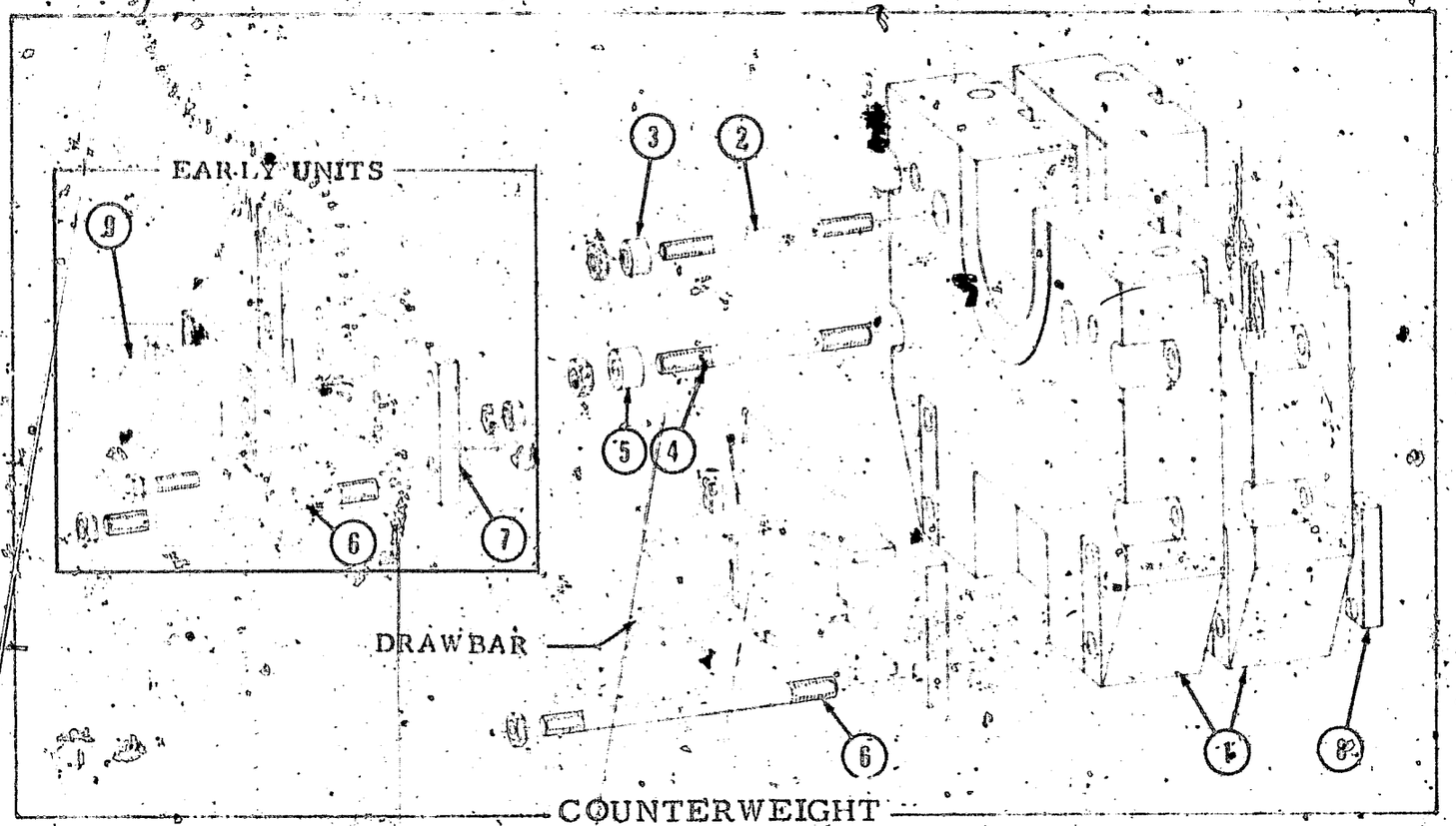
ITEM	PART NO.	QTY.	DESCRIPTION
1	3F00012	1	CAP
2	3100013	1	ADAPTER ASSY. (Includes items 3 thru 13)
3	-------	1	HOUSING (Order item 2)
4	3100017	1	O-RING
	-------	1	ADAPTER (Order item 2)
	3100024	2	SCREW
	3100025	1	GASKET
	3100023	1	PLATE

(Continued)

QUICK FUELING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
9	73100026	1	SEAL
10	73100027	1	PLATE
11	73100029	2	WASHER
12	73100028	1	SPRING
13	73100030	1	STEM
14	73100014	1	FLANGE ASSY. (Includes items 15, 16 and hardware indented below)
	70919350	6	SETSCREW, 1/2" NC x 2"
	70904208	6	LOCKWASHER, 1/2"
	70910325	6	NUT, 1/2" NC
15	--------	2	FLANGE (Order item 14)
16	73100021	2	GASKET
17	70671123	1	COUPLING
	70901850	M	BUSHING, pipe, 2" x 1" (Tractors unit #02455 and up excluding #02456)
18	70925058	1	ELBOW
19	70671124	1	HOSE (Tractors prior to unit #02455 including #02456)
	70685558	1	HOSE (Tractors unit #02455 and up excluding #02456)
	70922660	2	CLAMP, hose, 1-3/16" x 1-1/2" diam.
20	70927265	1	CLIP
	70921175	1	CAPSCREW, 1/2" NC x 1"
	70677008	1	WASHER
21	70671126	1	TUBE
22	70671990	1	HOSE
	70922660	2	CLAMP, hose, 1-3/16" to 1-1/2" diam.
23	70671989	1	TUBE (Tractors prior to unit #02455 including #02456)
23	70685557	1	TUBE (Tractors unit #02455 and up excluding #02456)
24	70927264	2	CLIP
	70921175	2	CAPSCREW, 1/2" NC x 1"
	70677008	2	WASHER
25	70671125	1	HOSE
	70922660	1	CLAMP, hose, 1-3/16" to 1-1/2" diam.

(Revised November 1977)



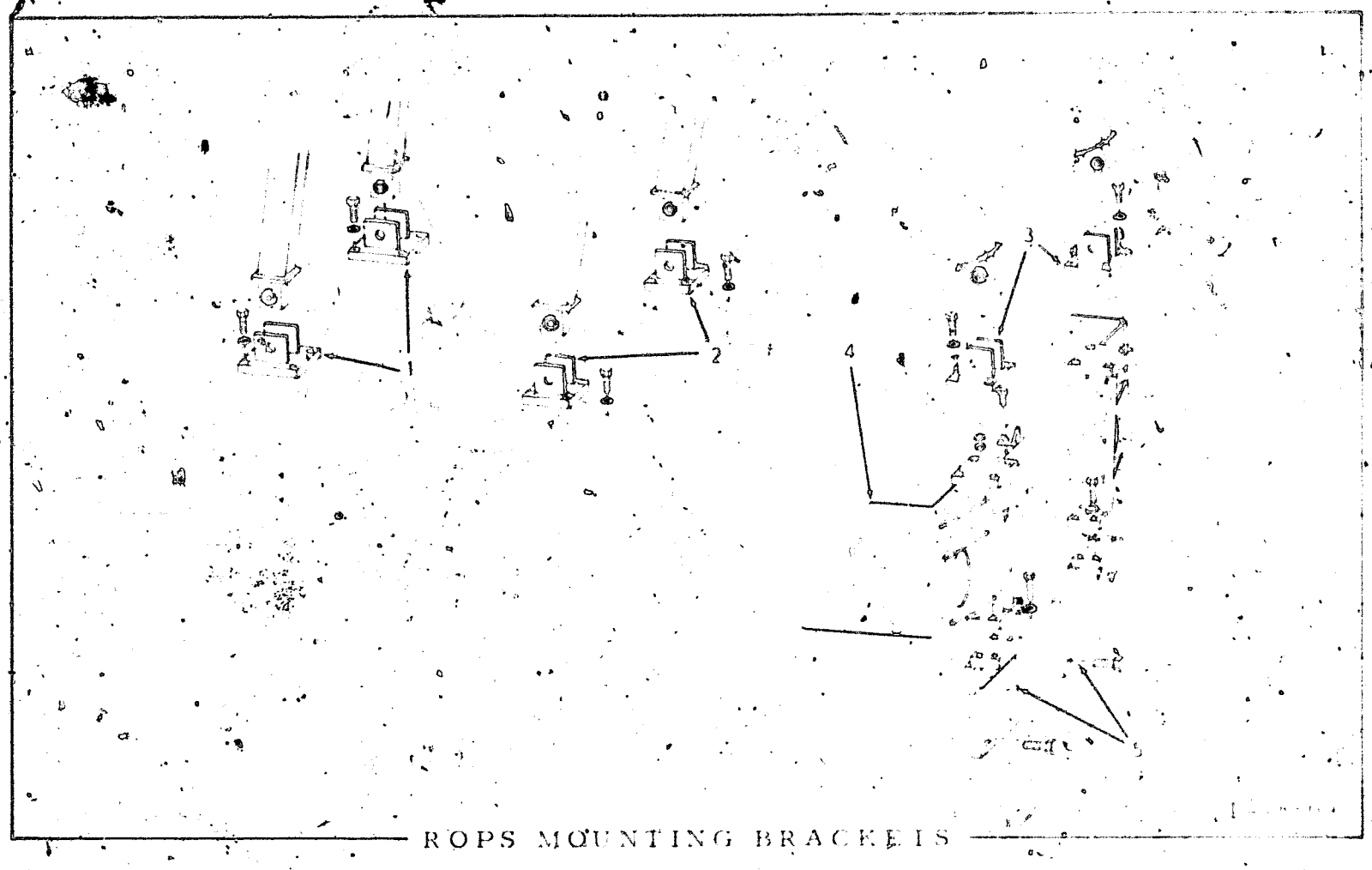
COUNTERWEIGHT

USAGE: Special equipment

* Light type (10,000 lbs.)
** Heavy type (15,000 lbs.)

ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION	
1	70671461	2	3	COUNTERWEIGHT	
2	70676041	4	-	STUD, upper (1-1/2" diam. x 19-1/2")	
	70682839	-	4	STUD, upper (1-1/2" diam. x 28-7/8")	
	70926211	4	4	WASHER	
	70928853	4	4	NUT, 1-1/2" NF	
3	70611388	4	4	BOSS, upper stud (Used on units without canopy)	
4	70663049	2	-	STUD, intermediate (1-3/4" diam. x 20")	
	70682840	-	2	STUD, intermediate (1-3/4" diam. x 29-1/4")	
	70926213	2	2	WASHER	
	70927488	2	2	NUT, 1-3/4" NF	
5	70676816	2	2	SPACER, intermediate stud (Used on units without canopy)	
6	70671619	4	-	STUD, lower (1-3/4" diam. x 25-1/2")	Used on units without canopy
	70682838	-	4	STUD, lower (1-3/4" diam. x 34-7/8")	
	70676040	4	-	STUD, lower (1-3/4" diam. x 27-1/2")	Used on units with canopy
	70682841	-	4	STUD, lower (1-3/4" diam. x 36-7/8")	
	70927488	4	4	NUT, 1-3/4" NC	
7	70671719	1	1	BAR (Early units)	
8	70676066	2	2	BLOCK, spacing (Used on units with canopy)	
9	---------	1	1	BRACKET (See DRAWBAR)(Early units)	

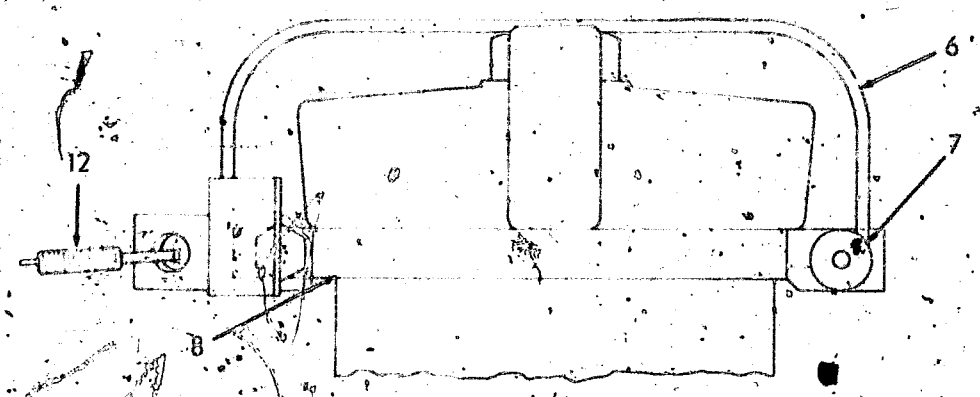
(Revised November 1977)



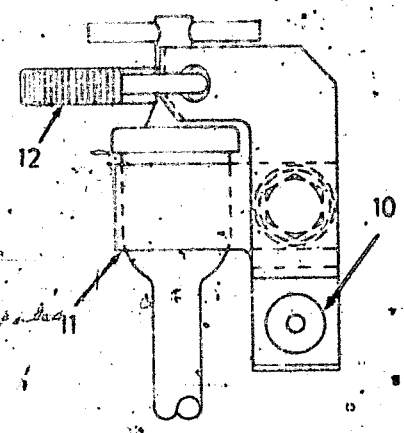
ROPS MOUNTING BRACKETS

USAGE: Special equipment

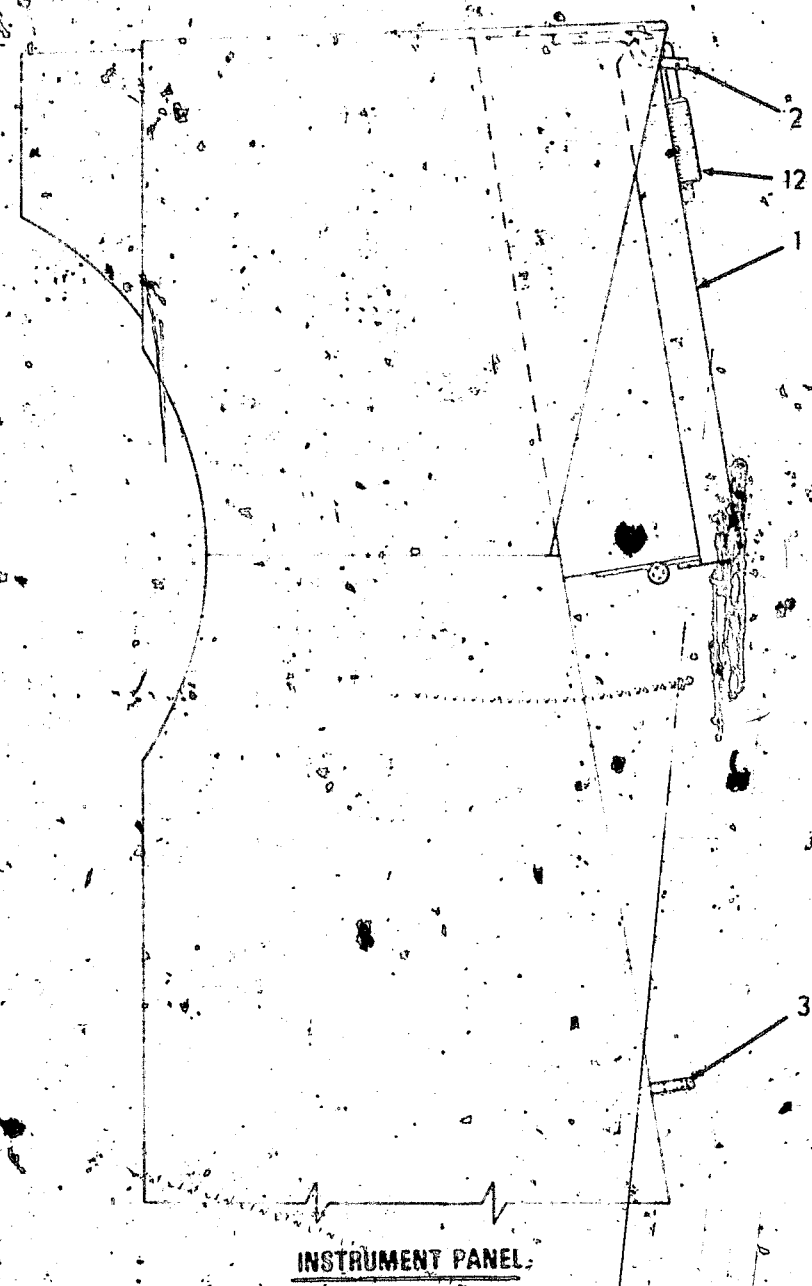
ITEM	PART NO.	QTY.	DESCRIPTION	
1	70685274	2	BRACKET, frame mounting	
	70927305	8	CAPSCREW, 1" NC x 3-3/4"	
	70083318	8	WASHER, plain	
2	70685276	2	BRACKET, frame mounting (center)	
	70925483	8	CAPSCREW, 3/4" NC x 3-1/4"	
	70928358	8	WASHER, plain	
3	70685311	2	BRACKET, frame mounting (rear)	
	70926785	8	CAPSCREW, 1" NC x 2-3/4"	
	70083318	8	WASHER, plain	
4	70685214	1	FRAME	
	70921172	10	CAPSCREW, 5/8" NC x 2-1/4"	Not used on tractors equipped with a ripper
	70677010	10	WASHER, plain	
	70911029	10	NUT, 5/8" NC	
	70927314	8	CAPSCREW, 1" NC x 3-1/2"	
	70083318	8	WASHER, plain	
5	70682787	1	BRACKET, left	
	70682788	1	BRACKET, right	
	70669426	8	CAPSCREW, 1-1/2" NF x 4" (Four less used on units equipped with counterweight)	



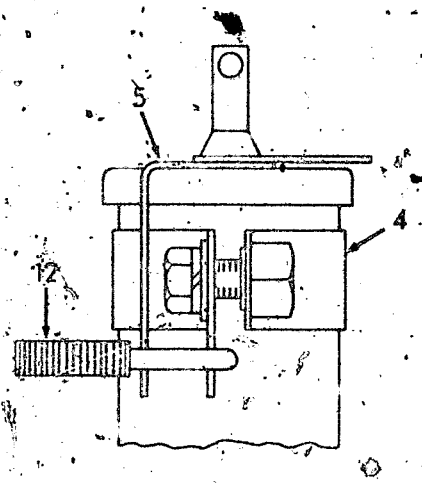
FUEL AND HYD TANK FILLER CAP



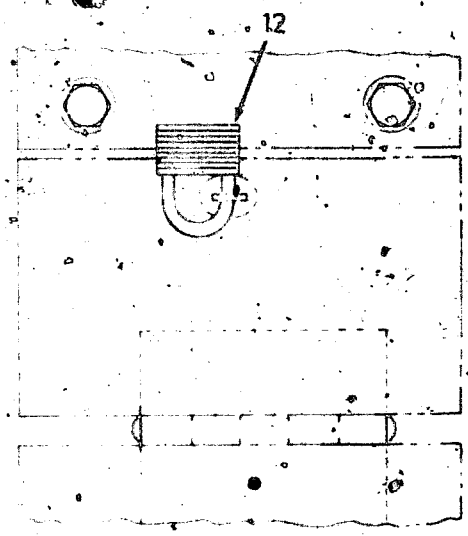
ENGINE OIL LEVEL GAUGE



INSTRUMENT PANEL



ENGINE OIL FILLER TUBE



FLOOR PLATE

VANDALISM PREVENTION PARTS

USAGE: Special equipment

ITEM	PART NO.	QTY.	DESCRIPTION
			NOTE: Pedestal erection and [illegible] installations
1	70666304	1	COVER, instrument panel
2	70666307	1	LUG, upper, instrument panel guard
3	70658144	1	LUG, lower, instrument panel guard (tractors prior to unit #027301)
4	70666308	1	COLLAR, engine oil filler tube
	70922763	1	CAPSCREW, 3/8" NC x 1"
	70910287	1	LOCKWASHER, 3/8"
	70911115	1	WASHER, plain, SAE std., 3/8"
5	70659112	1	BRACKET, engine oil filler closure
6	70657553	2	COVER, fuel tank and hydraulic tank cap
7	70924838	2	RIVET, fuel tank and hydraulic tank cap cover
8	70657556	2	CLAMP, fuel tank and hydraulic tank filler neck
	70927401	2	CAPSCREW, 1/4" NC x 1"
	70910285	2	LOCKWASHER, 1/4"
	70911024	2	NUT, 1/4" NC
9	70666312	1	BRACKET, locking, engine oil level gauge
10	70926045	1	RIVET, locking bracket
11	70666310	1	COLLAR, engine oil level gauge
	70922763	1	CAPSCREW, 3/8" NC x 1"
	70910287	1	LOCKWASHER, 3/8"
	70911115	1	WASHER, plain, SAE std., 3/8"
12	70928052	6	PADLOCK

NOTICE

Allis-Chalmers Corporation and Fiat S.p.A. entered into a joint venture agreement to combine their manufacture, sale and service of construction machinery products throughout the world after January 1, 1974.

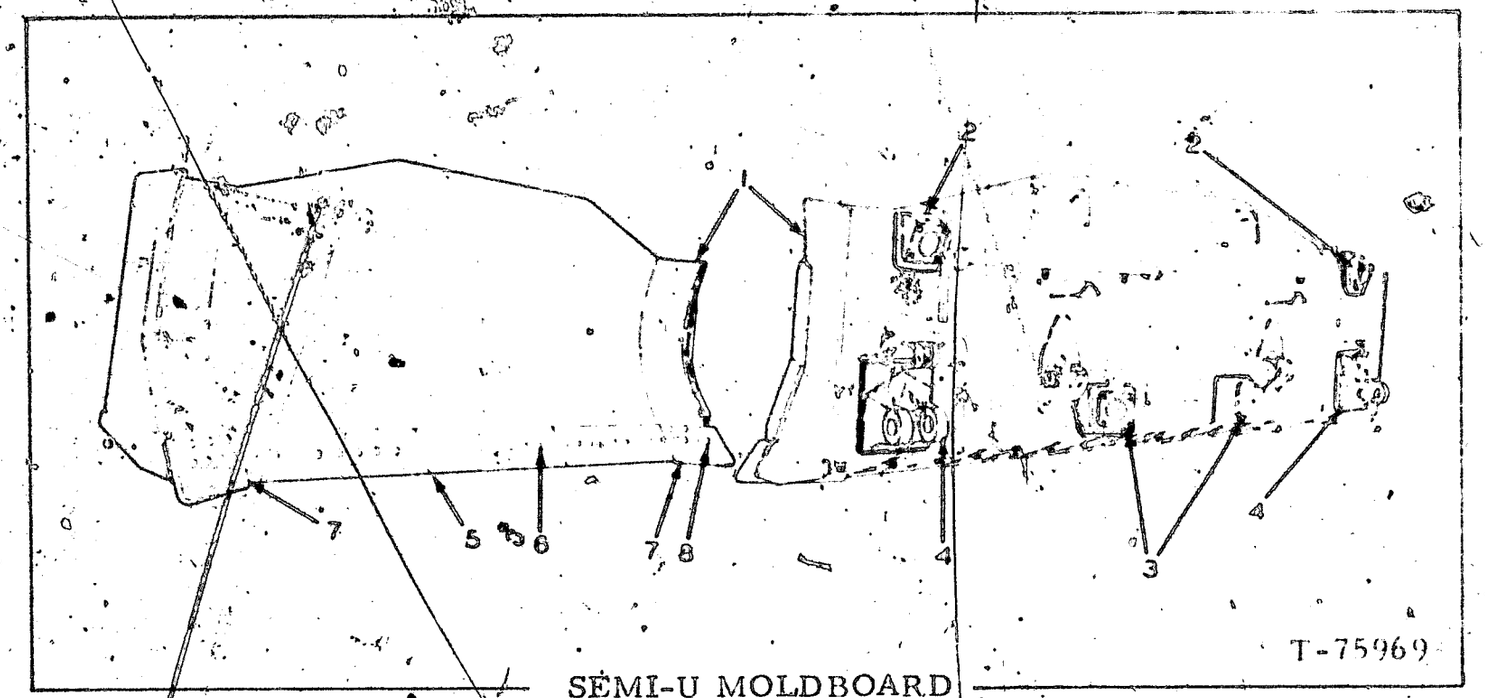
In view of the new enterprise, wherever in this publication reference is made to Allis-Chalmers or your Allis-Chalmers dealer, such reference is intended to identify Fiat-Allis Construction Machinery, Inc. or your Fiat-Allis dealer.

Also, for this new enterprise, a new series of 8-digit part numbers is in effect. This change is accomplished by eliminating the "check digit" wherever it may appear, and then, to this basic part number, prefixing a "7" (or "7" plus one or more zeros) to make a full 8-digit part number.

Examples:

667367	becomes 70667367
0688917-4	becomes 70688917
3060101-7	becomes 73060101

All part-numbers listed herein must be changed per the above formula before ordering.



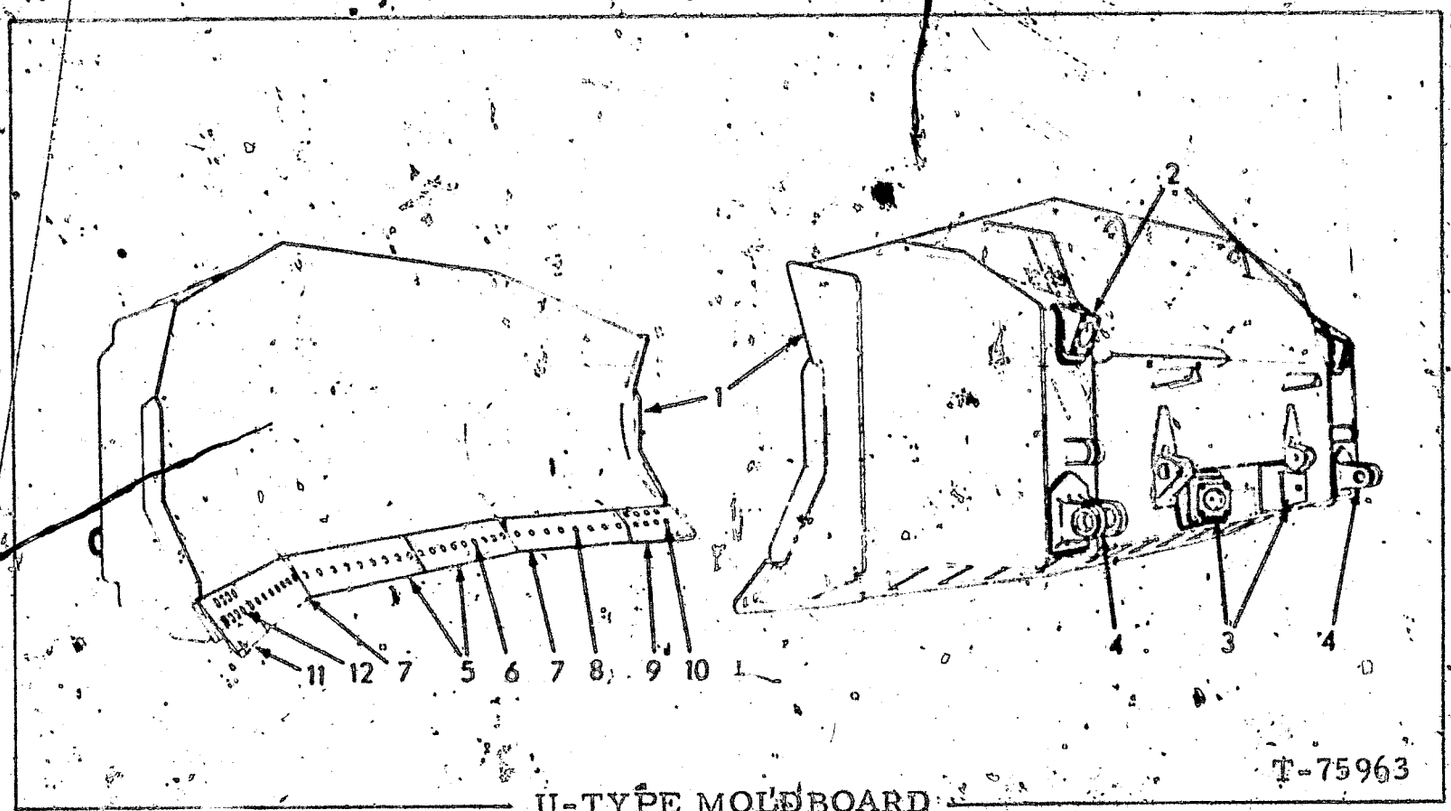
SEMI-U MOLDBOARD

USAGE: Model 41 HSU Dozer

ITEM	PART NO.	QTY.	DESCRIPTION
			NOTE: Item 1 includes items 2 thru 8
1	--------	1	MOLDBOARD ASSY. (If for first replacement on tractors prior to approx. June 1976 order MOLDBOARD ASSEMBLY 70699046 and KIT 73108469)
	70699046	1	MOLDBOARD ASSY. (Effective approx. June 1976)
2	70663531	2	*SOCKET, tilt brace
	70914465	2	FITTING, lubricating, 1/8" NPT
3	70664783	1	*SOCKET WELDMENT, left, diagonal brace
	70664784	1	*SOCKET WELDMENT, right, diagonal brace
	70914465	2	FITTING, lubricating, 1/8" NPT
4	70663562	2	*LUG, push beam attaching
5	70663503	3	EDGE (Standard, 1-1/4" thick)
	70696788	3	EDGE (Extreme duty, 1-5/8" thick)
	73113279	3	EDGE (Extreme duty, 2" thick)
6	70662555	27	BOLT, plow, 1-1/4" NC x 3-3/4"
	70927619	27	NUT, 1-1/4" NC
7	70682063	1	BIT, left end (Standard) (1-3/4" thick)
	70697083	1	BIT, left end (Extreme duty) (2" thick)
	73113275	1	BIT, left end (Extreme duty) (2-1/4" thick)
	70682064	1	BIT, right end (Standard) (1-3/4" thick)
	70697084	1	BIT, right end (Extreme duty) (2" thick)
	73113276	1	BIT, right end (Extreme duty) (2-1/4" thick)
8	70662555	14	BOLT, plow, 1-1/4" NC x 3-3/4"
	70927619	14	NUT, 1-1/4" NC

*Requires welding to install

(Revised November 1977)



U-TYPE MOLDBOARD

USAGE: Model 41 HU Dozer

ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION
				NOTE: Item 1 includes items 2 thru 12
1	--------	1	-	MOLDBOARD ASSY. (If for first replacement on tractors prior to approx. August 1976 order MOLDBOARD ASSY. 70698908 and KIT 73108469)
	70698908	-	1	MOLDBOARD ASSY. (Effective approx. August 1976)
2	70663531	2	2	*SOCKET, tilt brace
	70914465	2	2	FITTING, lubricating, 1/8"NPT
3	70664783	1	1	*SOCKET WELDMENT, left, diagonal brace
	70664784	1	1	*SOCKET WELDMENT, right, diagonal brace
	70914465	2	2	FITTING, lubricating, 1/8"NPT
4	70663562	2	2	*LUG, push beam attaching
5	70663503	2	-	EDGE (53-7/8" long, 1-1/4" thick)(Standard)(9-holes)
	70696788	2	-	EDGE (53-7/8"long, 1-5/8" thick)(Extreme duty)(9-holes)
	73113279	2	-	EDGE (53-7/8"long, 2"thick)(Extreme duty)(9-holes)
	70698861	-	2	EDGE (65-7/8"long, 1-1/4" thick)(Standard)(11-holes)
	73109991	-	2	EDGE(65-7/8"long, 1-5/8"thick)(Extreme duty)(11-holes)
	73113280	-	2	EDGE(65-7/8"long, 2"thick)(Extreme duty)(11-holes)
6	70662555	22	22	BOLT, plow, 1-1/4"NC x 3-3/4"
	70927619	22	22	NUT, 1-1/4"NC
7	70674048	2	-	EDGE (48-7/8"long, 1-1/4"thick)(Standard)(8-holes)
	70696790	2	-	EDGE(48-7/8"long, 1-5/8"thick)(Extreme duty)(8-holes)
	73113268	2	-	EDGE(48-1/2"long, 2"thick)(Extreme duty)(8-holes)
	70698863	-	2	EDGE (35-5/8"long, 1-1/4"thick)(Standard)(6-holes)
	73109992	-	2	EDGE (35-5/8"long, 1-5/8"thick)(Extreme duty)(6-holes)
	73113281	-	2	EDGE (35-3/8"long, 2"thick)(Extreme duty)(6-holes)
8	70662555	16	16	BOLT, plow, 1-1/4"NC x 3-3/4"
	70927619	16	16	NUT, 1-1/4"NC

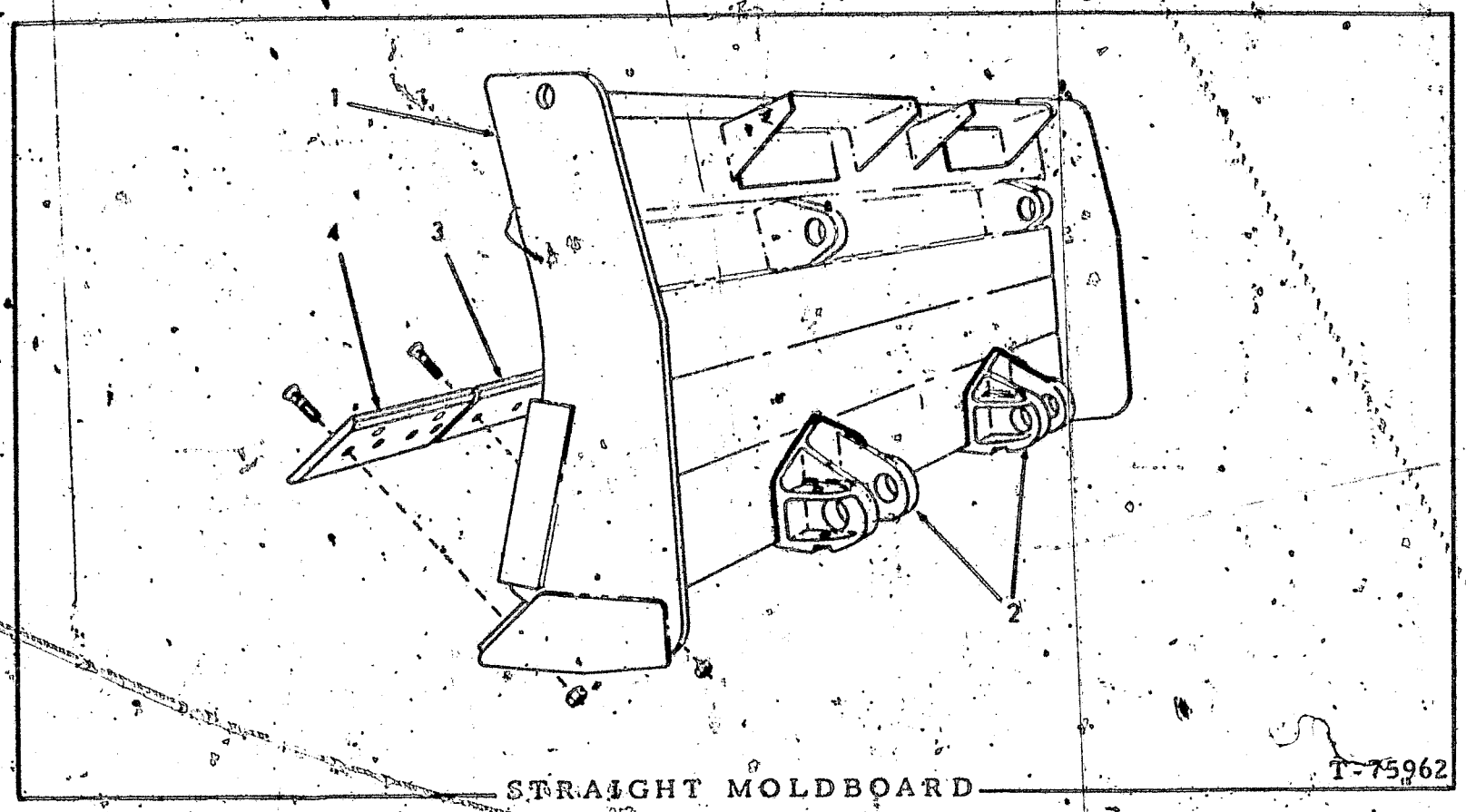
(Continued)

U-TYPE MOLDBOARD (Continued)

ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION
9	70682065	1	1	BIT, left (Standard) (1-3/4" thick)
	70697085	1	1	BIT, left (Extreme duty) (2" thick)
	73113277	1	1	BIT, left (Extreme duty) (2-1/4" thick)
10	70662555	8	8	BOLT, plow, 1-1/4" NC x 3-3/4"
	70927619	8	8	NUT, 1-1/4" NC
11	70682066	1	1	BIT, right (Standard)(1-3/4" thick)
	70697086	1	1	BIT, right (Extreme duty)(2" thick)
	73113278	1	1	BIT, right (Extreme duty)(2[illegible]/4" thick)
12	70662555	8	8	BOLT, plow, 1-1/4" NC x 3-3/4"
	70927619	8	8	NUT, 1-1/4" NC

*Requires welding to install

(Added November 1977)

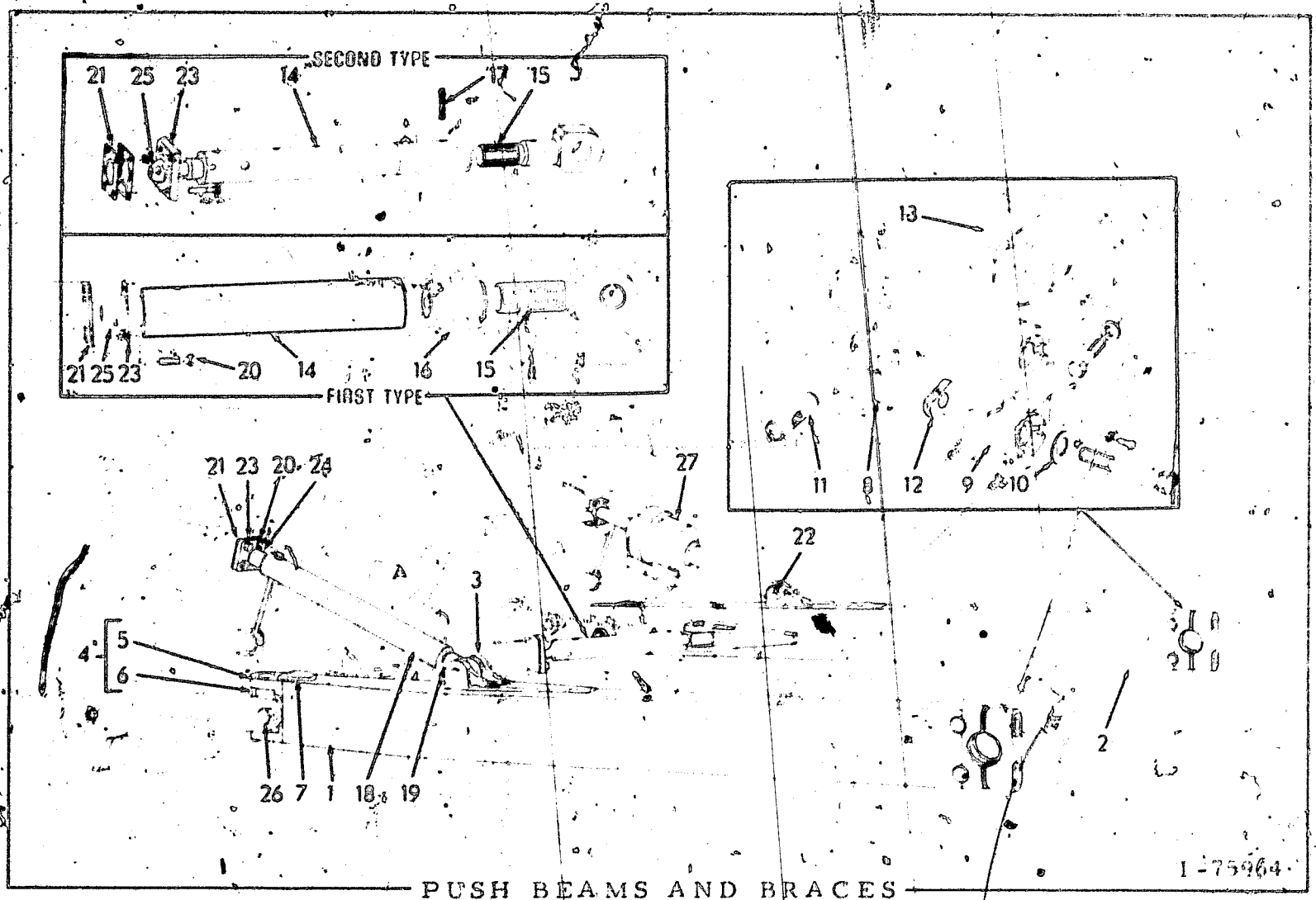


STRAIGHT MOLDBOARD

USAGE: Model 41HC dozer

ITEM	PART NO.	QTY.	DESCRIPTION
1	70663851	1	MOLDBOARD ASSY. (Includes items 2 thru 4 and fitting indented below)
	70915275	2	FITTING, lubricating, 65°, 1/8"NPT
2	70664637	2	* LUG
3	70663854	2	EDGE
	70662555	16	BOLT, plow, 1-1/4"NC x 3-3/4"
	70927619	16	NUT, 1-1/4"NC
4	70663855	2	BIT
	70662555	12	BOLT, plow, 1-1/4"NC x 3-3/4"
	70927619	12	NUT, 1-1/4"NC

* Requires welding to install



PUSH BEAMS AND BRACES

USAGE: Models 41HS, 41HU

ITEM	PART NO.	QTY.	DESCRIPTION.	
1	70663677	1	BEAM, left side	Each includes items 3 thru 7
2	70663678	1	BEAM, right side	
3	70663609	4	*LUG	
4	70663681	2	*SWIVEL ASSY. (Includes items 5 and 6)	
5	70663577	4	*LUG	
6	70663607	2	*SWIVEL	
7	70663791	4	*PLATE	
8	70663639	2	*PIVOT	
9	70663625	2	CAP	
	70663728	4	CAPSCREW, 1-1/2" NC x 9-1/4"	
10	70687841	4	PLATE.	Effective April 1974
	70920582	4	CAPSCREW, 1/2" NC x 1-1/4"	
	70912441	4	LOCKWASHER, 1/2"	
11	70663721	4	PIN	
12	70618516	40	SHIM (.033" thick)(Early units)	Use as required
	70681397	8	SHIM (.062" thick) Late units	
	70681699	8	SHIM (.125" thick)	
13	70652819	2	TRUNNION	
	70927305	16	CAPSCREW, 1" NC x 3-1/4"	
	70678072	16	WASHER, plain	

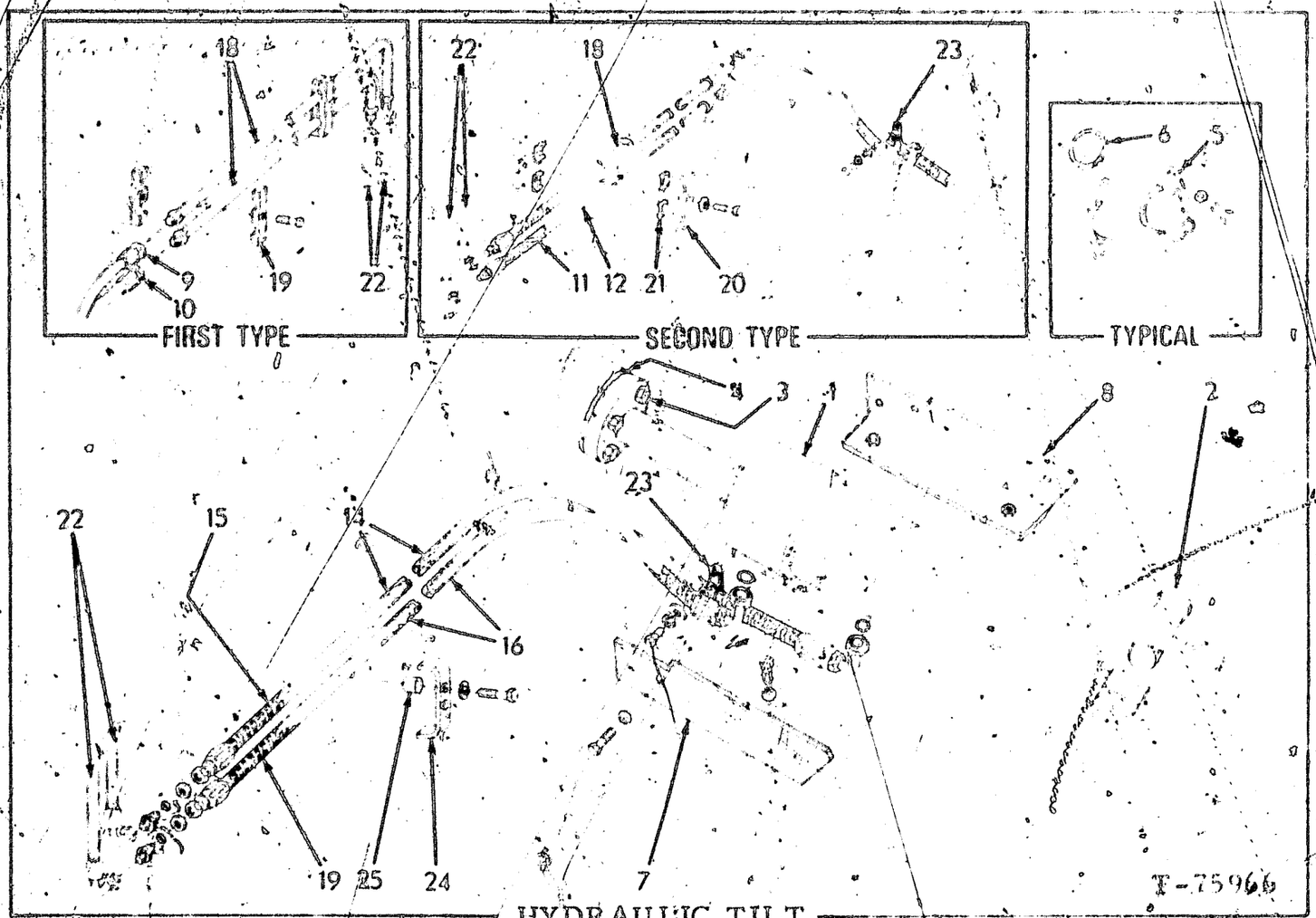
(Continued)

PUSH BEAMS AND BRACES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
14	70663666	2	BRACE ASSY. (Includes items 23 and 25) (Used prior to November 1971)
	70681284	2	BRACE ASSY. (Includes items 23 and 25) (Effective November 1971 thru September 1973)
	70682837	2	BRACE ASSY. (Includes items 23 and 25) (Effective October 1973)
	70914465	2	FITTING, lubricating, 1/8" NPT
15	70663790	2	SCREW (Used prior to October 1973)
	70682832	2	SCREW (Effective October 1973)
16	70663588	2	NUT — Used prior to October 1973
	70914465	2	FITTING, lubricating, 1/8" NPT — Used prior to October 1973
17	70687836	2	PIN, flex (Effective October 1973)
18	70663748	1	BRACE (Includes items 23 and 24)
	70914465	1	FITTING, lubricating, 1/8" NPT
19	70663774	1	SCREW
20	70925427	12	CAPSCREW, 1-1/4" NC x 4-1/2"
21	70663704	6	SHIM (.033" thick) — Use as required
	73112943	8	SHIM (.048" thick) — Use as required
	70681801	3	SHIM (.125" thick) — Use as required
22	70663289	3	PIN
	70925429	3	PIN, Spirol, 1/2" x 3-1/2"
23	70663591	3	*COLLAR
24	70618565	1	*BALL
25	70618565	2	BALL (Used prior to November 1971)
	70681283	2	BALL (Effective November 1971)
26	70663717	2	BOLT
	70635664	2	NUT
	70916244	2	PIN, cotter, 3/8" x 5"
27	--------	1	CYLINDER ASSY. See C-18 and D-3.

*Requires welding to install

(Revised June 1979)



HYDRAULIC TILT

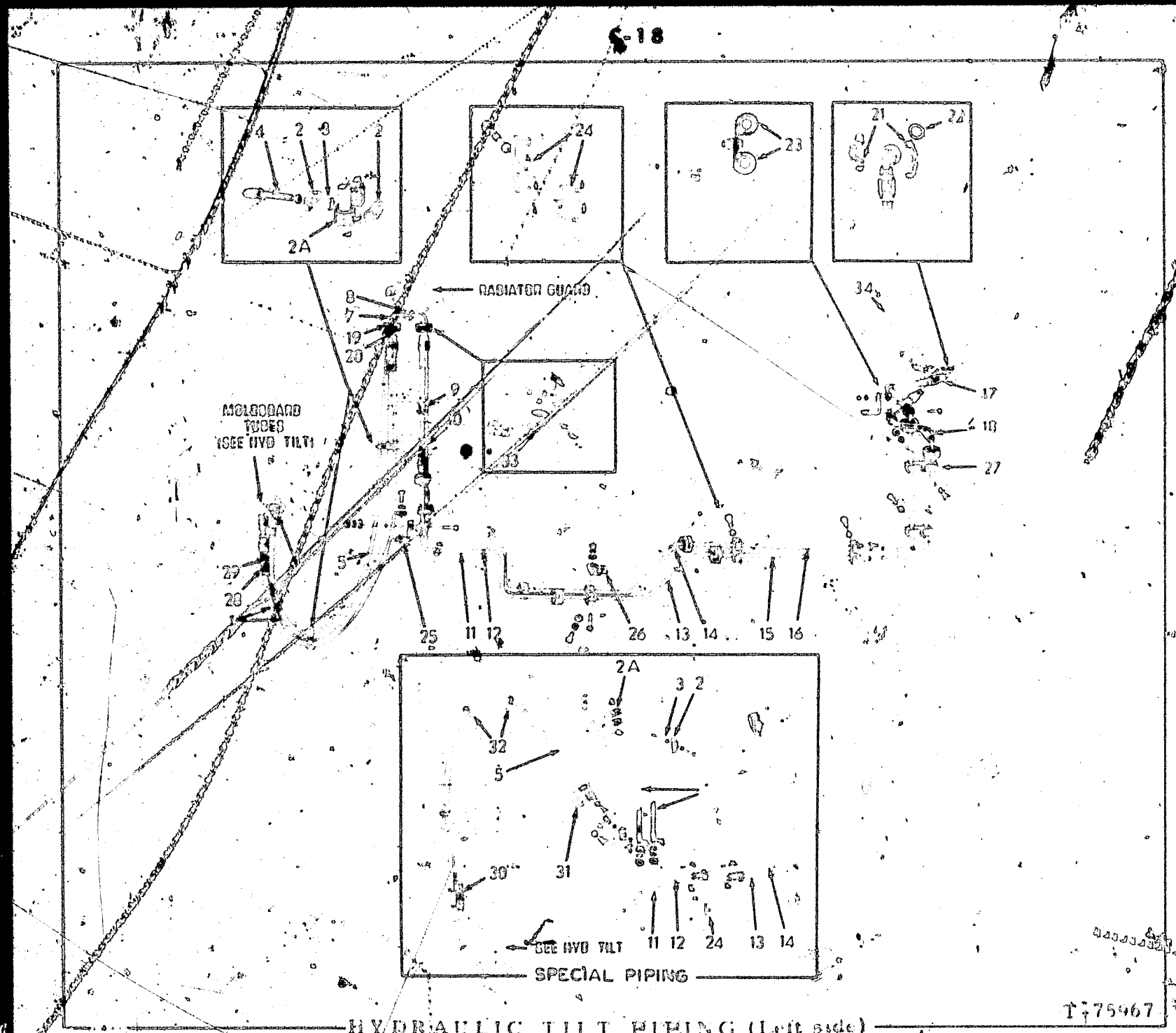
USAGE: Models 41 HSU, 41 HU Dozers (Special equipment)
* Tractors prior to serial No. 99A02420
** Tractors serial No. 99A02420 thru approx. June 1976; also for tractors prior to serial No. 99A02420 which have been converted to overhead piping.
*** Tractors approximately June 1976 and up

ITEM	PART NO.	QUANTITY *	**	***	DESCRIPTION
1	--------	1	1	1	CYLINDER ASSY. (See D-3)
2	70663289	1	1	1	PIN
	70925429	1	1	1	PIN, spirol, 1/2" x 3-1/2"
3	70925427	4	4	4	CAPSCREW, 1-1/4"NC x 4-1/2"
4	70663704	6	6	6	SHIM (.033" thick) } Use as required
	70681801	1	1	1	SHIM (.125" thick) } Use as required
5	70921117	4	4	4	FLANGE
	70925193	8	8	8	CAPSCREW, 7/16"NC x 1-3/8"
	70914678	8	8	8	LOCKWASHER, 7/16"
6	70924192	2	2	2	O-RING
7	70697308	1	1	1	GUARD
	70920583	4	4	4	CAPSCREW, 1/2"NC x 1-1/2"
	70677008	4	4	4	WASHER
8	70663999	1	1	1	GUARD
	70920583	2	2	2	CAPSCREW, 1/2"NC x 1-1/2"
	70677008	2	2	2	WASHER

(Continued)

HYDRAULIC TILT (Continued)

ITEM	PART NO.	QUANTITY			DESCRIPTION	
9	70663978	1	-	-	HOSE	
10	70669180	1	-	-	HOSE	
11	70682160	-	2	-	GUARD (Standard)	
	70682251	-	2	-	GUARD (Special)	
12	70682953	-	1	-	HOSE ASSY. (Standard)	Each includes item 11 See HOSE PARTS
	70682248	-	1	-	HOSE ASSY. (Special)	
13	70682218	-	1	-	HOSE ASSY. (Standard)	
	70682247	-	1	-	HOSE ASSY. (Special)	
14	73107625	-	-	1	HOSE ASSY. (Early units)	Each includes item 15 See HOSE PARTS
	73112820	-	-	1	HOSE ASSY. (Late units)	
	70927063	-	-	1	UNION, flare type, 3/4" tube, 1-1/16" str. thd.	
15	73107676	-	-	1	GUARD (Early units)	
	73112890	-	-	1	GUARD (Late units)	
16	73107626	-	-	1	HOSE ASSY. (Early units)	Each includes item 17 See HOSE PARTS
	73112821	-	-	1	HOSE ASSY. (Late units)	
	70927063	-	-	1	UNION, flare type, 3/4" tube, 1-1/16" str. thd.	
17	73107677	-	-	1	GUARD (Early units)	
	73112891	-	-	1	GUARD (Late units)	
18	70663974	2	-	-	TUBE	
19	70625540	2	-	-	BLOCK	
	70922726	2	-	-	CAPSCREW, 1/2"NF x 1-1/2"	
	70912441	2	-	-	LOCKWASHER, 1/2"	
20	70682654	-	2	-	CLAMP	
	70921556	-	2	-	CAPSCREW, 1/2"NC x 2"	
	70677008	-	2	-	WASHER	
21	70682286	-	8	-	CHANNEL	
22	--------	2	2	2	HOSE (See C-18 and C-22)	
23	70095869	1	-	-	CLIP	
	70921175	1	-	-	CAPSCREW, 1/2"NC x 1"	
	70910244	1	-	-	WASHER	
	70927311	-	1	1	CLIP	
	70927172	-	1	1	CAPSCREW, 1/2"NC x 1-1/8"	
	70912441	-	1	1	LOCKWASHER, 1/2"	
	70910244	-	1	1	WASHER	
24	70696089	-	-	1	BRACKET (First type)	
	73112403	-	-	1	BRACKET (Second type)	
	70924864	-	-	2	CAPSCREW, 1/2"NC x 2-1/4"	
	70928178	-	-	2	WASHER	
25	70696091	-	-	2	SPACER (First type)	
	73112401	-	-	1	BLOCK (Second type)	



HYDRAULIC TILT PIPING (Left side) T-75967

GE: Tractors prior to serial No. 99A02420

* Standard equipment
** Special. For Tractors which have been converted to overhead piping.

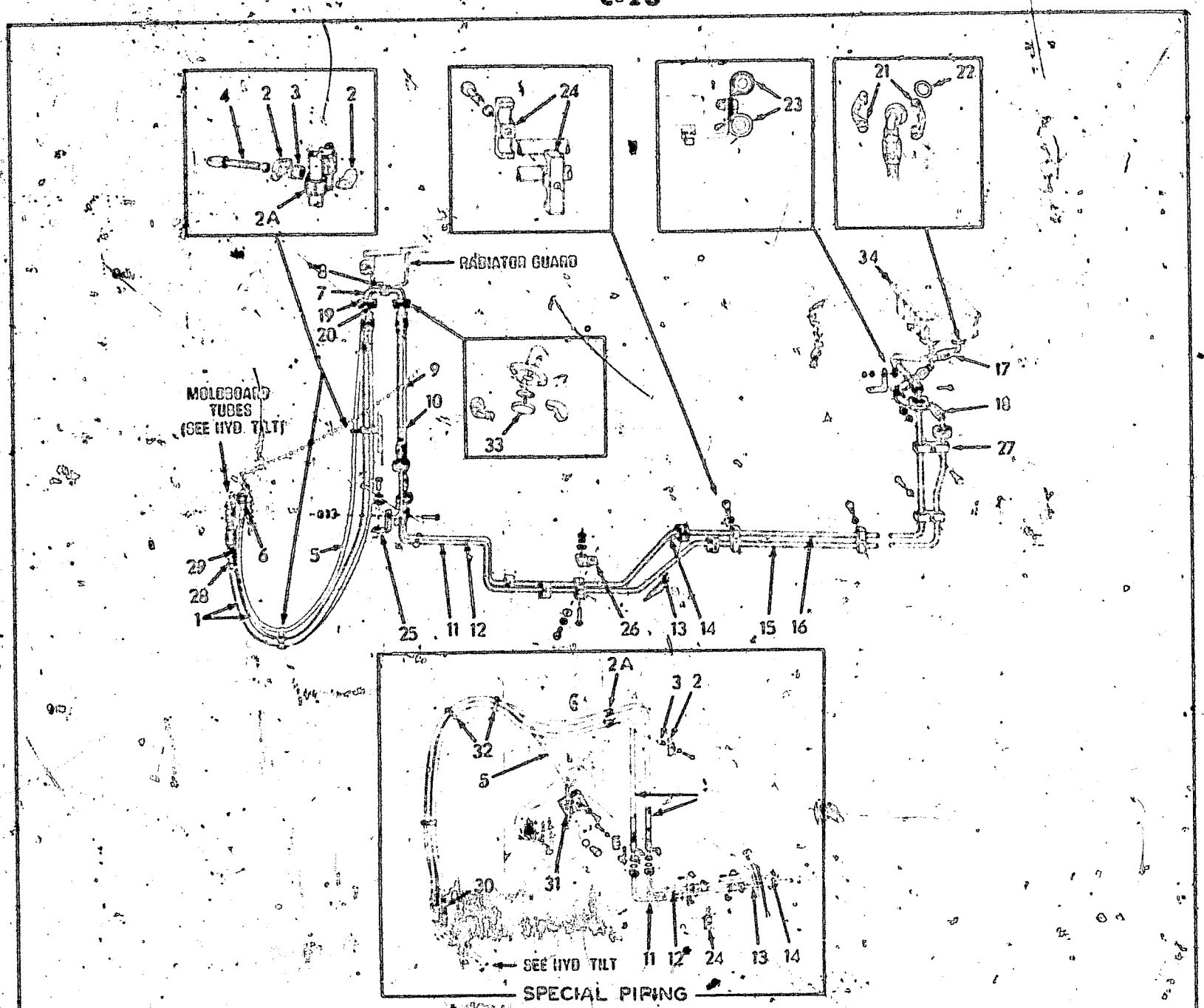
ITEM	PART NO.	QTY.		DESCRIPTION	
1	0663979	2	-	HOSE ASSY. (Includes items 28 and 29): (See HOSE PARTS)	Not used on Model 41 HG Dozers
	0682245	-	2	HOSE ASSY. (Includes item 30)(See HOSE PARTS)	
2	0619966	4	2	CLAMP	
	0921539	-	1a	CAPSCREW, 1/2"NC x 3-1/2"	
	0912441	-	1	LOCKWASHER, 1/2"	
2A	0670217	4	2	BOOT, hose protecting	
3	0613231	4	1	BLOCK	

(Continued)

HYDRAULIC TILT PIPING (Left side)(Continued)

ITEM	PART NO.	QTY.		DESCRIPTION	
4	0667711	2	-	EYE-BOLT	Not used on Model 41 HC Dozers
	0911035	1	-	NUT, jam, 1/2"NC	
	0911038	1	-	NUT, 1/2"NC	
	0904208	1	-	LOCKWASHER, 1/2"	
5	0670725	1	-	CABLE	
	0925631	1	-	CAPSCREW, 7/8"NC x 4"	
	0921039	1	-	NUT, 7/8"NC	
	0682252	-	1	CABLE	
	0928803	-	2	CAPSCREW, 5/8"NC x 2"	
	0903574	-	2	NUT, 5/8"NC	
6	0668814	1	-	FITTING (Includes capscrew and nut)	
7	0659322	2	-	TUBE	
8	0659327	2	-	CLAMP	
	0912069	1	-	CAPSCREW, 3/8"NC x 2-1/2"	
	0904206	1	-	LOCKWASHER, 3/8"	
9	0670737	1	-	HOSE (See HOSE PARTS)	
10	0670736	1	-	HOSE (See HOSE PARTS)	
11	0672199	1	-	TUBE	
	0682850	-	1	TUBE	
	0921467	1	1	CAP, flare fitting, 1/4" tube	
12	0672189	1	-	TUBE	
	0682849	-	1	TUBE	
	0921467	1	1	CAP, flare fitting, 1/4" tube	
13	0664053	1	1	TUBE	
14	0664054	1	1	TUBE	
15	0664063	1	1	TUBE	
16	0669169	1	1	TUBE	
17	0671408	1	1	HOSE	See HOSE PARTS
18	0671409	1	1	HOSE	
19	0924110	4	-	O-RING	
20	0921115	8	-	FLANGE	
	0916272	16	-	CAPSCREW, 3/8"NC x 1-1/4"	
	0904206	16	-	LOCKWASHER, 3/8"	
21	0921116	20	20	FLANGE	
	0916272	40	40	CAPSCREW, 3/8"NC x 1-1/4"	
	0904206	40	40	LOCKWASHER, 3/8"	
22	0924200	10	10	O-RING	

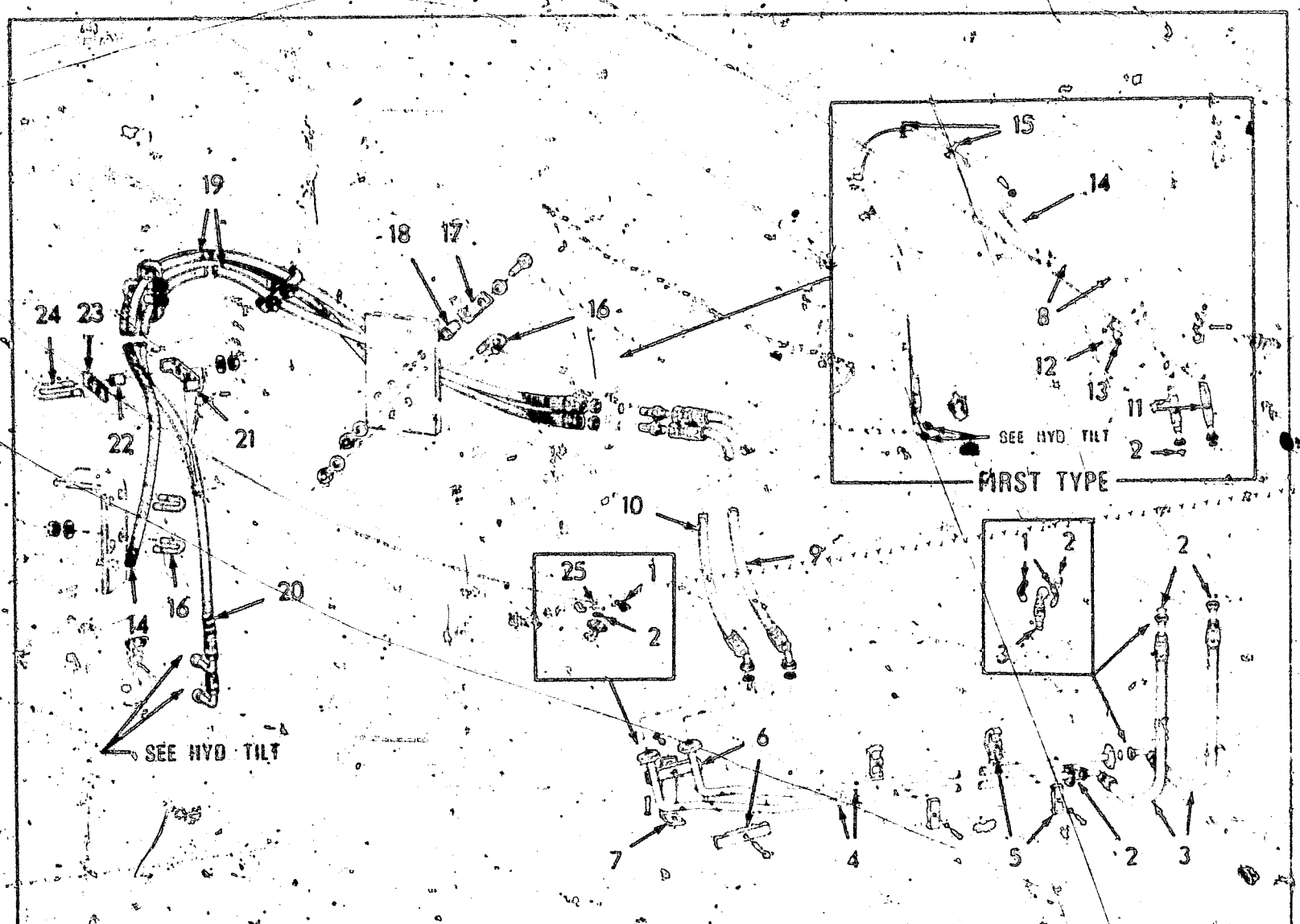
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HYDRAULIC TILT PIPING (Left side)

HYDRAULIC TILT PIPING (Left side)(Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
23	0925623	2	2	CLIP
	0916271	1	1	CAPSCREW, 3/8"NC x 1"
	0904206	1	1	LOCKWASHER, 3/8"
	0911026	1	1	NUT, 3/8"NC
24	0625640	10	10	BLOCK
	0916315	2	2	CAPSCREW, 1/2"NC x 2-1/4"
	0916316	1	2	CAPSCREW, 1/2"NC x 2-1/2"
	0916317	2	1	CAPSCREW, 1/2"NC x 2-3/4"
	0064531	2	6	WASHER, plain
	0904208	5	5	LOCKWASHER, 1/2"
	0911028	2	1	NUT, 1/2"NC
25	0664061	1	-	ANGLE
	0916311	1	-	CAPSCREW, 1/2"NC x 1-1/4"
	0904208	1	-	LOCKWASHER, 1/2"
	0064531	1	-	WASHER, plain
26	0664062	1	1	ANGLE
	0916311	1	1	CAPSCREW, 1/2"NC x 1-1/4"
	0904208	1	1	LOCKWASHER, 1/2"
	0064531	1	1	WASHER, plain
27	0656966	2	2	BLOCK
	0916316	1	1	CAPSCREW, 1/2"NC x 2-1/2"
	0904208	1	1	LOCKWASHER, 1/2"
	0911028	1	1	NUT, 1/2"NC
28	0672571	1	-	GUARD } Not used on Model 41 HC dozers
29	0672572	1	-	GUARD }
30	0682246	-	2	GUARD
31	0682285	-	1	ANGLE
	0927637	-	2	CAPSCREW, 1"NF x 4-3/4"
	0914728	-	2	LOCKWASHER, 1"
32	0921914	3	3	CLAMP
33	0666575	2	2	PLUG (Used only when tilt cylinder lines are disconnected)
34	-------	1	1	VALVE ASSY.



T-77555

HYDRAULIC TILT PIPING (Right Side)

USAGE: Tractor serial No. 99A02420 and up

*First type. Used prior to approximately June 1976
**Second type. Effective approximately June 1976

ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION
1	70921116	12	12	FLANGE
	70921076	24	24	CAPSCREW, 3/8"NC x 1-1/4"
	70910287	24	24	LOCKWASHER, 3/8"
2	70924200	6	6	O-RING
3	70682938	2	-	HOSE } See HOSE PARTS
	70697735	-	2	HOSE }
4	70682905	2	-	TUBE
	70693969	-	2	TUBE
	70921467	2	2	CAP, flare fitting, 1/4" tube
5	70682906	4	4	CLAMP
	70922510	2	2	CAPSCREW, 1/2"NC x 2-3/4"
	70677008	2	2	WASHER
6	70682907	2	2	CLAMP
	70921598	1	1	CAPSCREW, 1/2"NC x 3"
	70677008	1	1	WASHER
	70911028	1	1	NUT, 1/2"NC

(Continued)

HYDRAULIC TILT PIPING (Right Side)(Continued)

ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION	
7	70682908	1	-	ANGLE	
	70920574	1	-	CAPSCREW, 1/2"NC x 1-3/8"	
	70677008	1	-	WASHER	
8	70682922	2	-	HOSE ASSY. (Includes item 11)	See HOSE PARTS
9	70697740	-	1	HOSE	See HOSE PARTS
10	70697739	-	1	HOSE	See HOSE PARTS
11	70682246	2	-	GUARD	
12	70682664	1	-	CLAMP	
	70921556	1	-	CAPSCREW, 1/2"NC x 2"	
	70677008	1	-	WASHER	
13	70682286	4	-	CHANNEL	
14	70683704	1	1	CABLE	
	70928803	2	-	CAPSCREW, 5/8"NC x 2"	
	70903574	2	-	NUT, 5/8"NC	
15	70921914	3	-	CLAMP, 2-5/16 to 3-1/4" diam.	
16	70696086	-	4	U-BOLT	
	70677008	-	8	WASHER	
	70911028	-	8	NUT, 1/2"NC	
17	70698051	-	1	PLATE	
	70921567	-	2	CAPSCREW, 1/2"NC x 4"	
	70928178	-	4	WASHER	
	70911028	-	2	NUT, 1/2"NC	
18	70698072	-	2	SPACER	
19	70697744	-	2	HOSE ASSY. (Includes item 20)(See HOSE PARTS)	
	70927063	-	2	UNION, flare type, 3/4" tube, 1-1/16" thd.	
20	70682246	-	2	GUARD	
21	73112403	-	3	BRACKET	
22	70696091	-	6	SPACER (First type)	
	73112401	-	3	BLOCK (Second type)	
23	70696090	-	3	PLATE	
24	70696124	-	3	U-BOLT	
	70928178	-	6	WASHER	
	70911028	-	6	NUT, 1/2"NC	
25	70672172	2	2	PLUG (Used only when tilt cylinder lines are disconnected)	

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FOR NEW PART NUMBERS INTRODUCED ON THIS FICHE ISSUANCE SEE GRID L-1, L-2

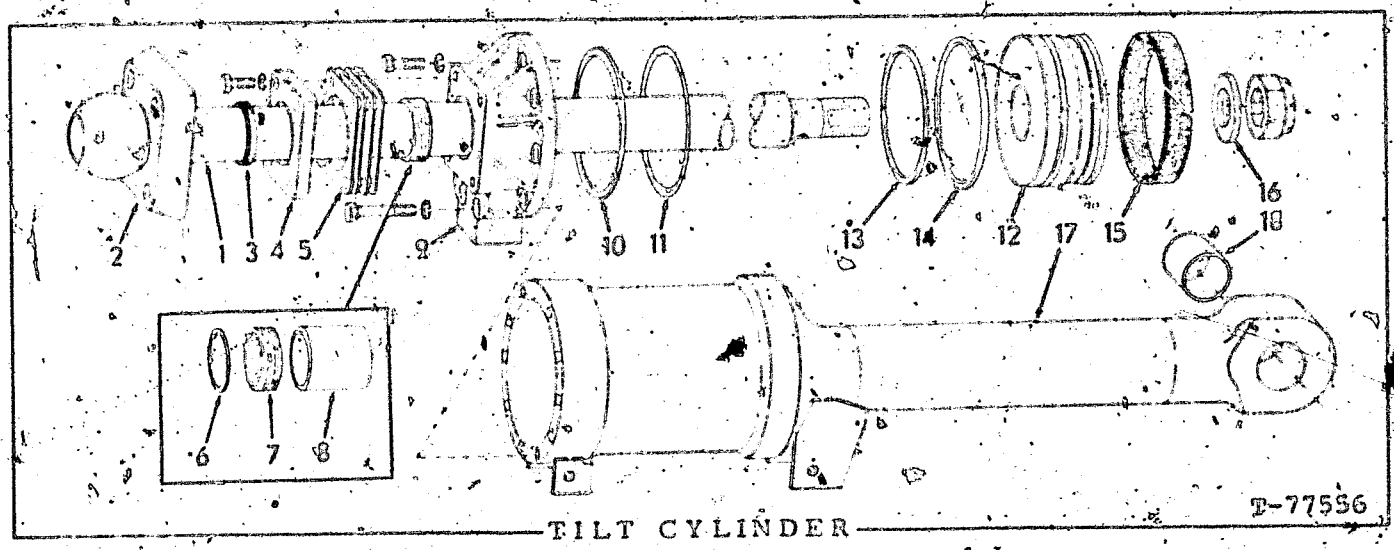
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FOR NEW PART NUMBERS INTRODUCED ON THIS FICHE ISSUANCE SEE GRID L-1, L-2

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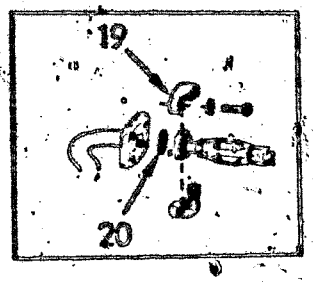


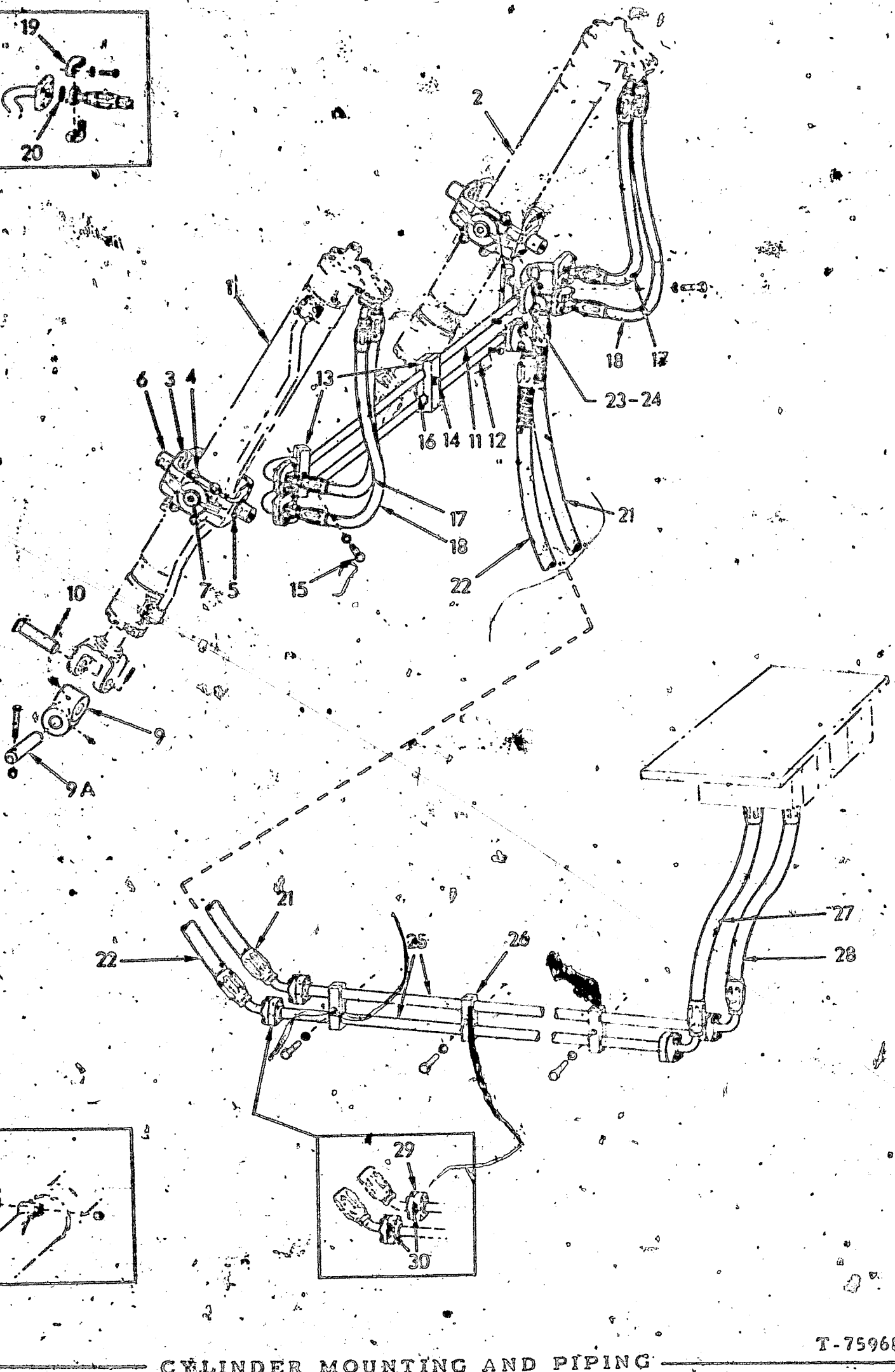
TILT CYLINDER

USADE: See C-16.

ITEM	PART NO.	QTY.	DESCRIPTION
	73057447	1	CYLINDER ASSY. (Includes items 1 thru 18)(Used prior to August 1972)
	730587 30	1	CYLINDER ASSY. (Includes items 1 thru 5, 7 and 9 thru 18) (Effective August 1972)
1	73052058	1	ROD
	73073269	1	NUT, 2-1/2"NF
2	70663991	1	COLLAR
3	73052243	1	□WIPER
4	73053985	1	PLATE (Used with CYLINDER 3057447-9)
	73058377	1	PLATE (Used with CYLINDER 3058730-7)
	70916311	4	CAPSCREW, 1/2"NC x 1-1/2"
	70904208	4	LOCKWASHER, 1/2"
5	73054566	4	□SHIM (.020" thick)
6	73054565	1	WASHER (Used with CYLINDER 3057447-9 only)
7	73053988	1	□PACKING ASSY.
8	73053987	1	BUSHING (Used with CYLINDER 3057447-9 only)
9	73055542	1	HEAD (Used with CYLINDER 3057447-9)
	73058113	1	HEAD (Used with CYLINDER 3058730-7)
	70921171	8	CAPSCREW 3/4"NF x 2-3/4"
	70925954	2	CAPSCREW 3/4"NF x 4-1/2"
	70914728	10	LOCKWASHER, 3/4"
10	70926828	1	□RING
11	70928741	1	□O-RING
12	73054259	1	PISTON
13	70926854	1	□RING
14	73054260	1	□RING
15	73054261	1	□RING
16	73053983	1	SPACER
17	73055546	1	TUBE ASSY. (Includes item #18)
18	73057427	1	BUSHING,
19	73056490	1	REPAIR KIT (Consists of items 3, 5, 7, 10, 11, 13, 14 and 15)
			□Components of item 19

(Revised June 1979)





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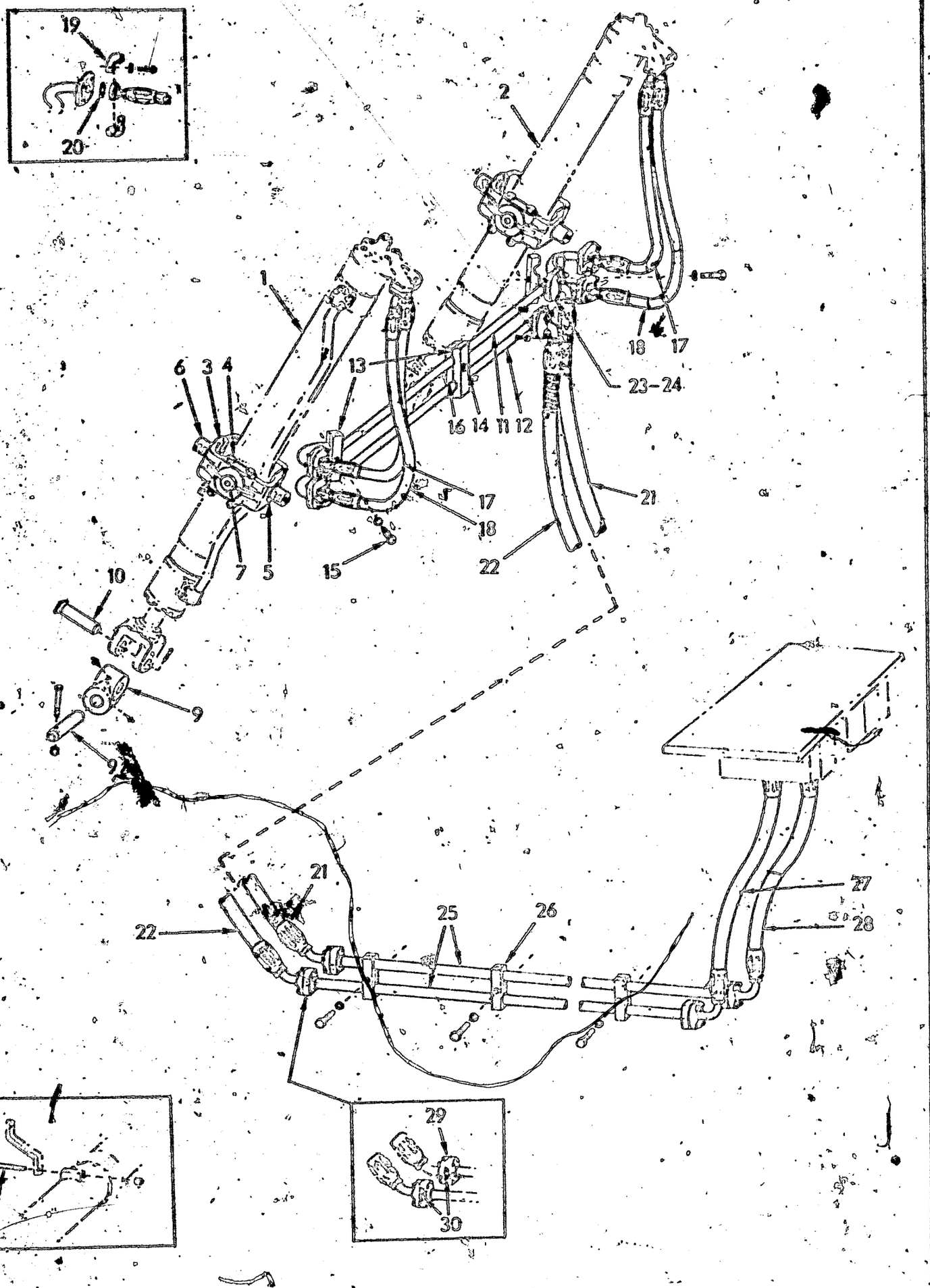
CYLINDER MOUNTING AND PIPING

CYLINDER MOUNTING AND PIPING

USAGE: Model 4HS, 4HU

ITEM	PART NO.	QTY.	DESCRIPTION
1		1	CYLINDER ASSY., left side } See D-8
2		1	CYLINDER ASSY., right side } See D-8
3	70618628	2	YOKE ASSY. (Includes item 5)
	70915276	4	FITTING, lubricating, 90°, 1/8"NPT
4	70929038	8	CAPSCREW, 1"NF x 6"
	70600236	8	NUT, high, 1"NF
5	70618552	4	BUSHING
6	70618439	4	PIN
7	70618555	4	PIN
8	70921455	2	CAPSCREW, 5/8"NC x 4-1/2" (For securing cylinder when blade removed)
	70914501	2	NUT, elastic stop, 5/8"NC
9	70618542	2	UNIVERSAL
	70914465	4	FITTING, lubricating, straight, 1/8"NPT
9A	70618571	2	PIN, universal
	70921567	2	CAPSCREW, 1/2"NC x 4"
	70915972	2	NUT, elastic stop, 1/2"NC
10	70618559	2	PIN
	70925459	2	PIN, Spirol, 3/8" x 2-1/2"
11	70681391	1	TUBE
	70921467	1	CAP, flare fitting, 1/4" tube
12	70681395	1	TUBE
	70921467	1	CAP, flare fitting, 1/4" tube
13	70681550	5	CLAMP
14	70921566	1	CAPSCREW, 1/2"NC x 2"
15	70922510	2	CAPSCREW, 1/2"NC x 2-3/4"
	70904208	3	LOCKWASHER, 1/2"
16	70662323	1	CLAMP
17	70652650	2	HOSE } See HOSE PARTS
18	70652649	2	HOSE } See HOSE PARTS
19	70921116	16	FLANGE
	70921565	32	CAPSCREW, 3/8"NC x 1-1/2"
	70910287	32	LOCKWASHER, 3/8"
20	70924200	8	O-RING
21	70663992	1	HOSE } See HOSE PARTS
22	70673605	1	HOSE } See HOSE PARTS
23	70921117	4	FLANGE
	70923162	8	CAPSCREW, flex-socket, 7/16"NC x 1-1/2"
	70914678	8	LOCKWASHER, 7/16"
24	70924192	2	O-RING

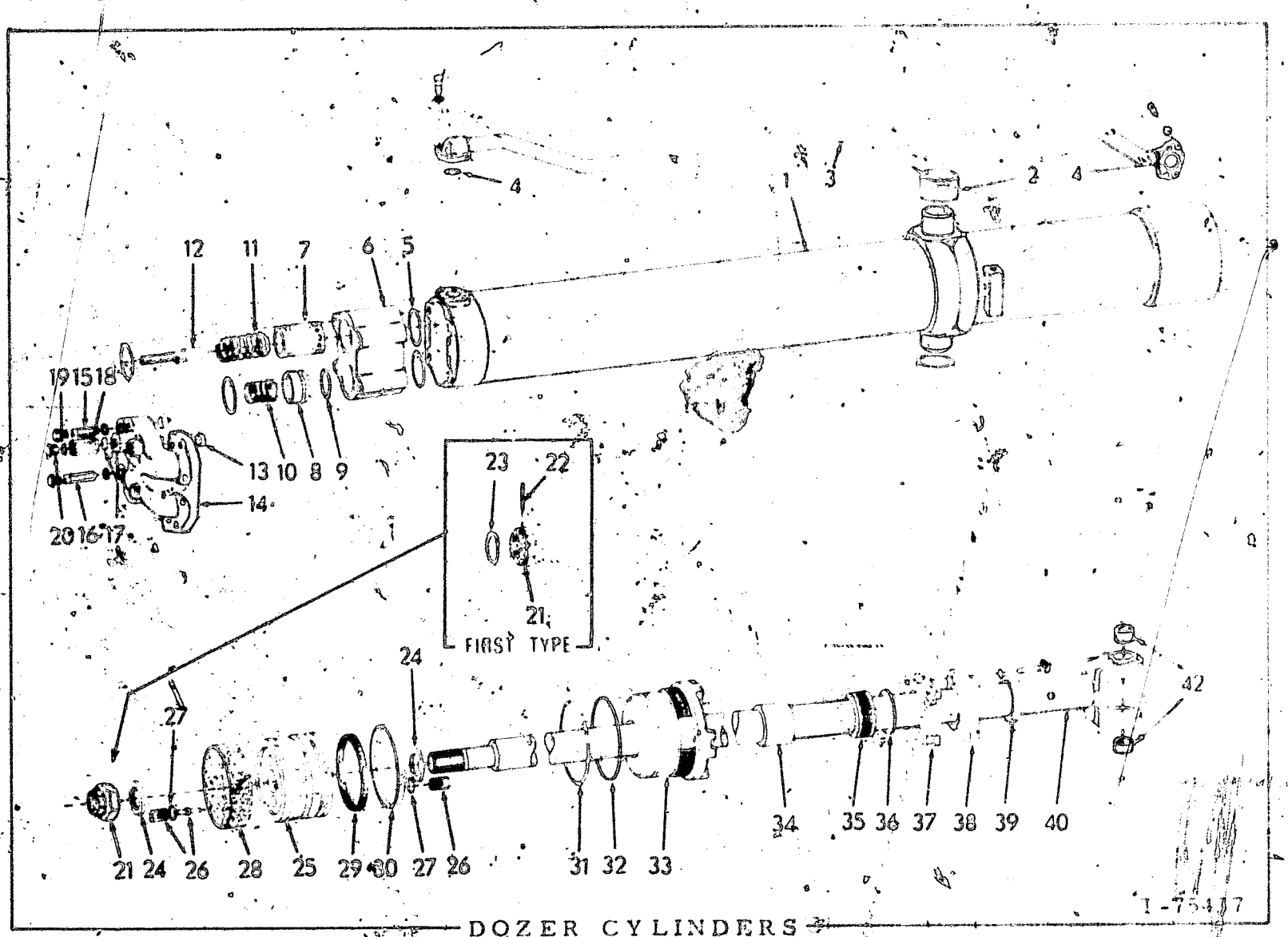
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CYLINDER MOUNTING AND PIPING

CYLINDER MOUNTING AND PIPING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
25	70663964	2	TUBE
26	70681549	6	CLAMP
	70925135	3	CAPSCREW, 1/2"NC x 3-1/4"
	70404208	3	LOCKWASHER, 1/2"
27	70671174	1	HOSE } See HOSE PARTS
28	70673604	1	HOSE }
29	70921118	12	FLANGE
	70920583	24	CAPSCREW, 1/2"NC x 1-1/2"
	70912441	24	LOCKWASHER, 1/2"
30	70924193	6	O-RING



DOZER CYLINDERS

USAGE: See D-5

* Tractors prior to serial No. 99A02734
** Tractors serial No. 99A02734 and up

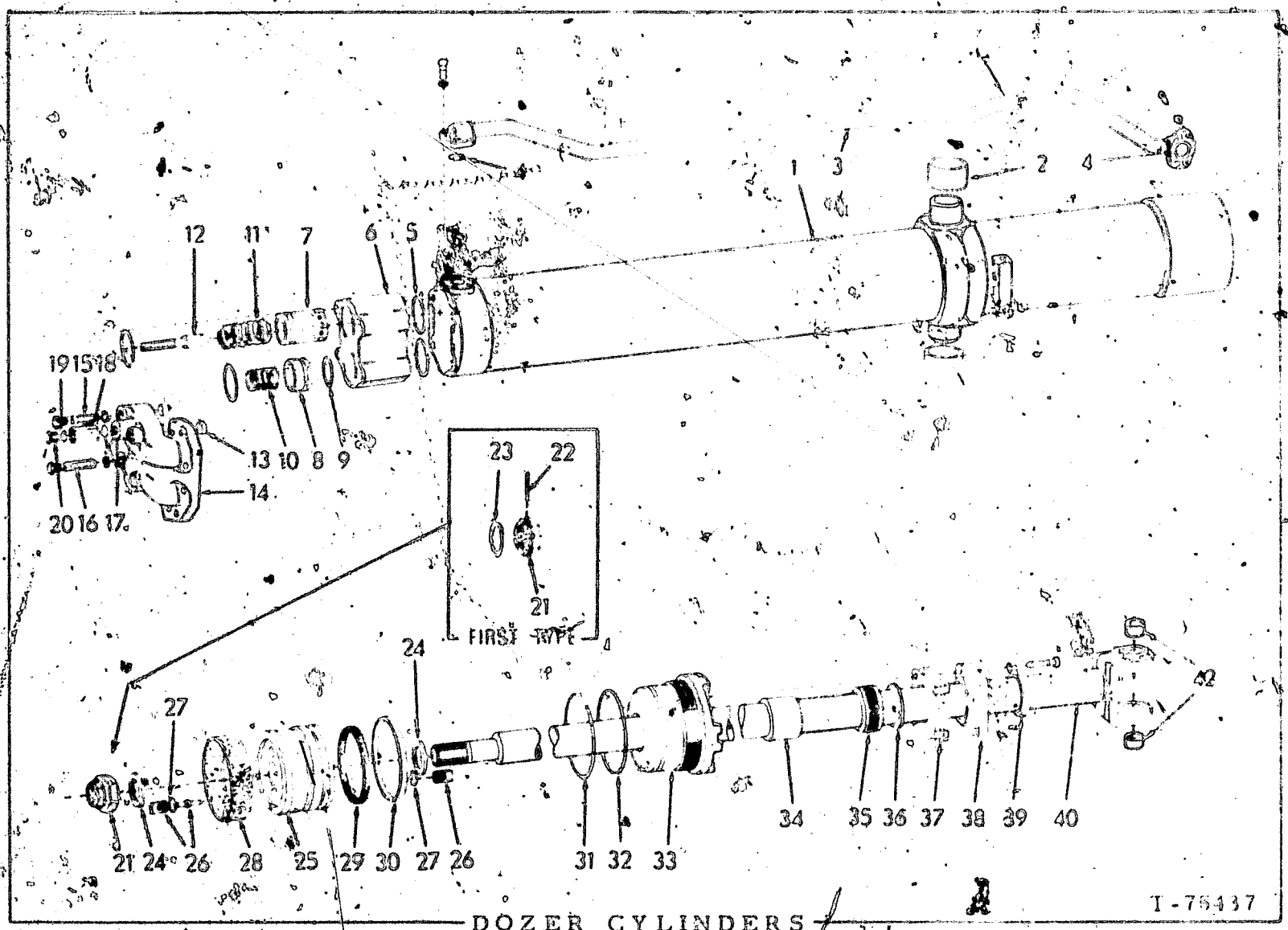
ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION	
-	70664151	1	-	CYLINDER ASSY. (left)	Each includes items 1 thru 25 and 28 thru 40
-	70664152	1	-	CYLINDER ASSY. (right)	
-	70684541	-	1	CYLINDER ASSY. (left)	Each includes items 1 thru 33, 35 and 37 thru 40
-	70684542	-	1	CYLINDER ASSY. (right)	
1	73052001	1	-	CYLINDER ASSY. (left)	Each includes item 2
	73052002	1	-	CYLINDER ASSY. (right)	
	73058865	-	1	CYLINDER ASSY. (left)	
	73058866	-	1	CYLINDER ASSY. (right)	
2	73055586	2	2	BUSHING	
3	70681393	1	-	TUBE (left)	
	70681394	1	-	TUBE (right)	
	70684559	-	1	TUBE (left)	
	70684560	-	1	TUBE (right)	
	70925890	8	8	CAPSCREW, hex socket, 7/16"NC x 1-1/2"	
	70914678	8	8	LOCKWASHER, 7/16"	

(Continued)

DOZER CYLINDERS (Continued)

ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION
4	70923664	2	2	O-RING
5	70924274	4	4	O-RING
6	70681528	1	1	VALVE AND HOUSING ASSY. (Includes items 7thru 9)
7	---------	1	1	VALVE (Not serviced separately)
8	70650560	1	1	VALVE
9	70923578	1	1	O-RING
10	70635447	1	1	SPRING
11	70657207	1	1	SPRING
12	73110369	1	1	SCREW, orifice adjustment (5/8"NC diam.)
	73116504	1	1	SCREW, orifice adjustment (7/8"NC diam.)
13	70050227	2	2	BUSHING
14	70664149	1	1	HEAD, left } First type, 5/8"NC Quick Drop
	70664150	1	1	HEAD, right } adjustment screw
	73116501	1	1	HEAD, left } Second type, 7/8"NC Quick Drop
	73116502	1	1	HEAD, right } adjustment screw
15	70927335	2	2	CAPSCREW, 5/8"NF x 6"
16	70927336	2	2	CAPSCREW, 5/8"NF x 7"
	70912942	4	4	LOCKWASHER, 5/8"
17	70668394	1	1	SEAL(First type, 5/8" diam, adjustment screw)
	73116457	1	1	SEAL (Second type, 7/8" diam. adjustment screw)
18	70668387	1	1	NUT (5/8"NC)
	73116456	1	1	NUT (7/8"NC)
19	70921206	1	1	O-RING
20	70921204	1	1	PLUG (Includes item 19)
21	70659086	1	1	NUT (First type)
	73073214	1	1	NUT, self-locking (Second type)
22	70659017	1	1	PIN
23	70659046	1	1	RING, First type
24	73056729	2	2	WASHER
25	73056248	1	-	PISTON ASSY. (Includes 4 guides and 2 plungers (.272" diam.) which are not serviced separately)
	73071070	-	1	PISTON ASSY. (Includes item 26)
26	73058859	-	2	PLUNGER - GUIDE ASSY. (Includes 1 plunger (.340" diam.) 2 guides and item 27)
27	70923843	-	4	O-RING
28	73053434	1	1	RING
29	70926840	1	1	RING (rubber)
30	73053433	1	1	RING (teflon)
31	70925767	1	1	O-RING
32	70926397	1	1	RING
33	73054335	1	-	HEAD
	73062196	-	1	HEAD
34	73054072	1	-	BUSHING
35	73054073	1	1	PACKING ASSY.
36	73054487	1	-	WASHER

(Continued)



DOZER CYLINDERS

USAGE: See D-5

* Tractors prior to serial No. 99A02734
** Tractors serial No. 99A02734 and up

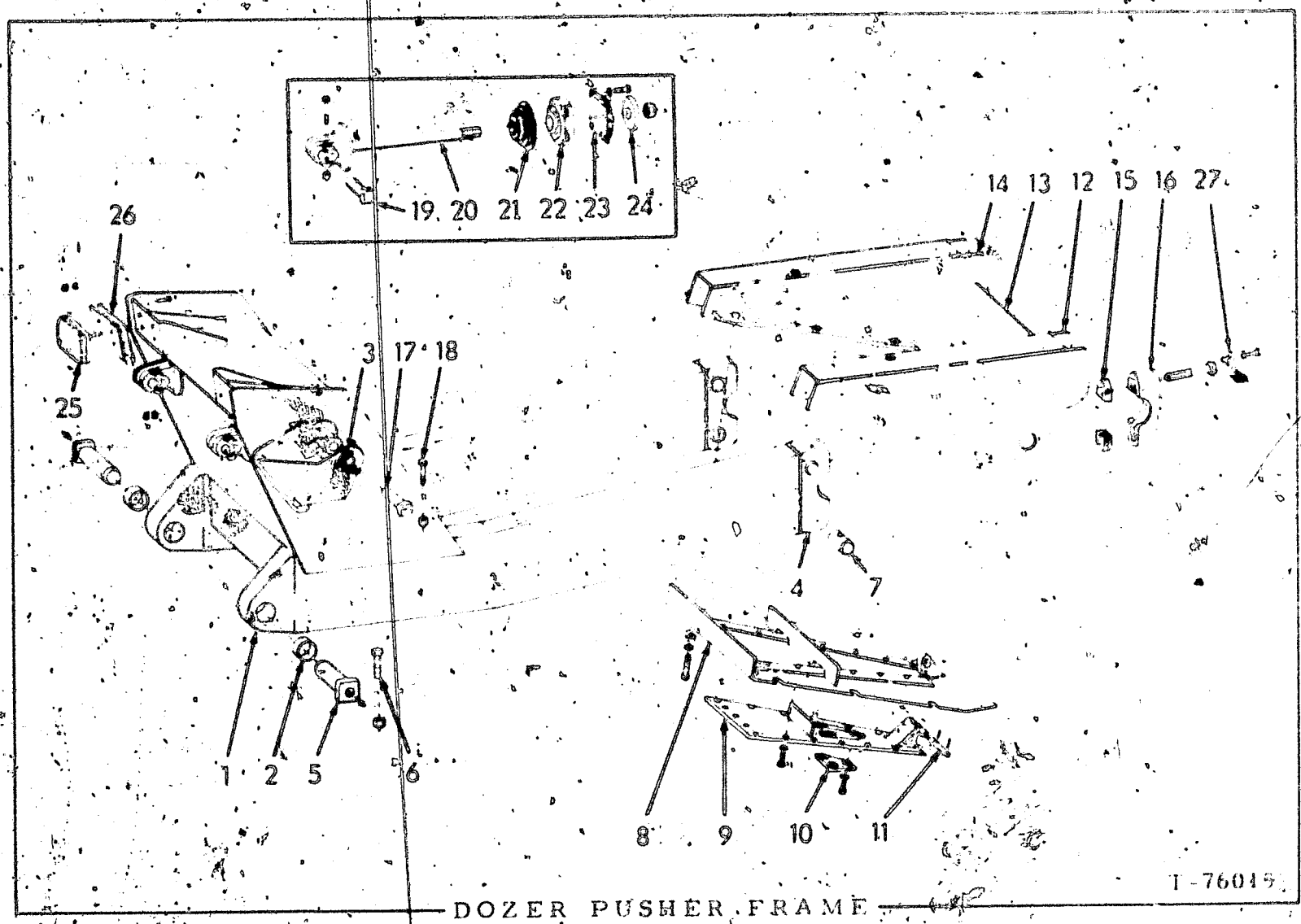
(Continued)

DOZER CYLINDERS (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
37	73054488	4	4	□SHIM (.030" thick)
	73052034	1	-	PLATE
38	73059354	-	1	PLATE
	70915987	4	4	CAPSCREW, 1/2"NC x 1-1/2"
	70904208	4	4	LOCKWASHER, 1/2"
39	73052942	1	1	□WIPER
40	73056763	1	1	ROD (First type)
	73063167	1	1	ROD (Includes item 42)(Second type)
	73065135	1	1	ROD (Includes item 42)(Third type)
41	73056488	1	1	□REPAIR KIT (Consists of items 28 thru 32, 35, 37 and 39)
42	70930927	2	2	BUSHING (Used with second and third type ROD)
43	73069495	1	1	REPAIR KIT (Includes CLEVIS and instructions sufficient to repair one ROD ASSY.)

□Components of item 41.

(Revised June 1979)



DOZER PUSHER FRAME

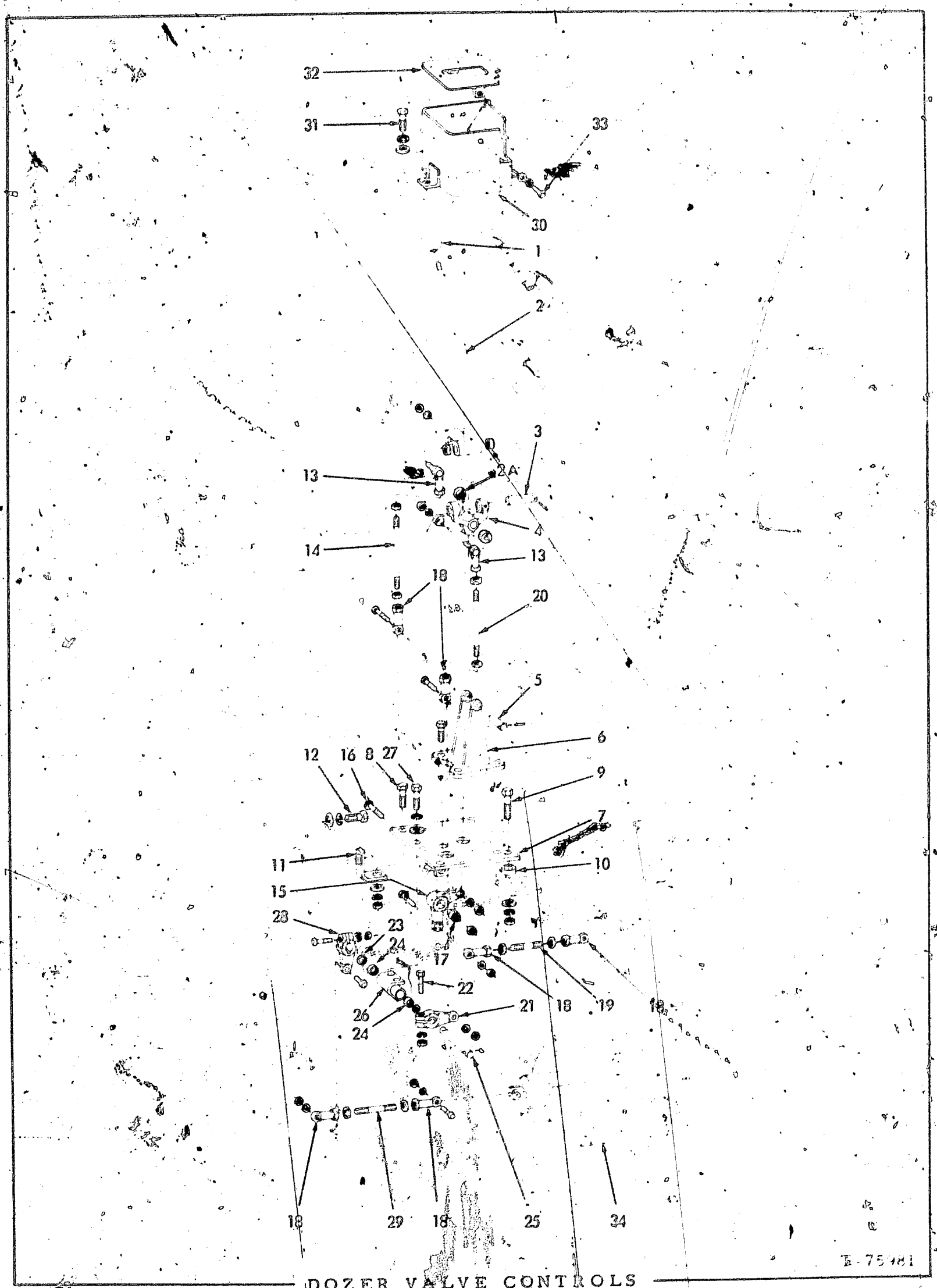
USAGE: Model 41HC dozer

ITEM	PART NO.	QTY.	DESCRIPTION
1	70664514	1	FRAME ASSY. (Includes items 2, 3 and 4)
2	70664557	4	BUSHING
3	70648977	4	STOP, pin (Requires welding to install)
4	70663639	2	PIVOT (Requires welding to install
5	70648175	2	PIN
	70912497	2	FITTING, lubricating, straight, 1/4" NPT
6	70918784	2	CAPSCREW
	70914501	2	NUT, elasting stop, 5/8" NC
7	70663721	4	PIN
8	70672604	1	PLATE
	70927305	6	CAPSCREW, 1" NC x 3-3/4"
	70914728	6	LOCKWASHER, 1"
	70095951	6	WASHER, plain
9	70671228	1	PLATE ASSY. (Includes item 10)
	70921411	15	CAPSCREW, 5/8" NC x 1-1/2"
	70900703	15	WASHER, plain
10	70659544	1	COVER
	70920582	3	CAPSCREW, 1/2" NC x 1-1/4"
	70912441	3	LOCKWASHER, 1/2"

(Continued)

DOZER PUSHER FRAME (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
11	70671222	1	PIN	
	70900808	2	PIN, cotter, 1/8" x 1-1/2"	
12	70664643	1	BRACKET	
13	70672610	1	BAR	
	70925431	2	CAPSCREW, 1"NC x 3-1/4"	Requires welding to install
	70914728	2	LOCKWASHER, 1"	
	70095951	2	WASHER, plain	
14	70664644	1	BRACKET	
15	70618516	24	SHIM (Early units)	Use as required
	70681397	5	SHIM (.062") Late units	
	70681699	5	SHIM (.125") Late units	
16	70663625	2	CAP	
	70663728	4	CAPSCREW	
17	70664565	2	PIN	
18	70917599	4	CAPSCREW	
	70915972	4	NUT, elastic stop, 1/2"NC	
19	70660003	2	PIN	
20	70660008	2	BRACKET	
	70923689	2	NUT, elastic stop, 1-3/4"NC	
21	70653219	32	DISC	
22	70660002	2	FLANGE	
23	70660013	2	PAD	
	70915963	8	CAPSCREW, 5/8"NC x 2-1/4"	
	70904209	8	LOCKWASHER, 5/8"	
24	70660038	2	WASHER	
25	70081966	2	PAD	
	70904208	8	LOCKWASHER, 1/2"	
	70911043	8	NUT, 1/2"NF	
26	70681989	2	SPACER, pad	
	70927353	8	CAPSCREW, 1/2"NF x 1-1/4"	Used prior to December 1971
	70912441	8	LOCKWASHER, 1/2"	
	70911043	8	NUT, 1/2"NF	
27	70687841	4	PLATE	
	70920582	4	CAPSCREW, 1/2"NC x 1-1/4"	Effective April 1974
	70912441	4	LOCKWASHER, 1/2"	



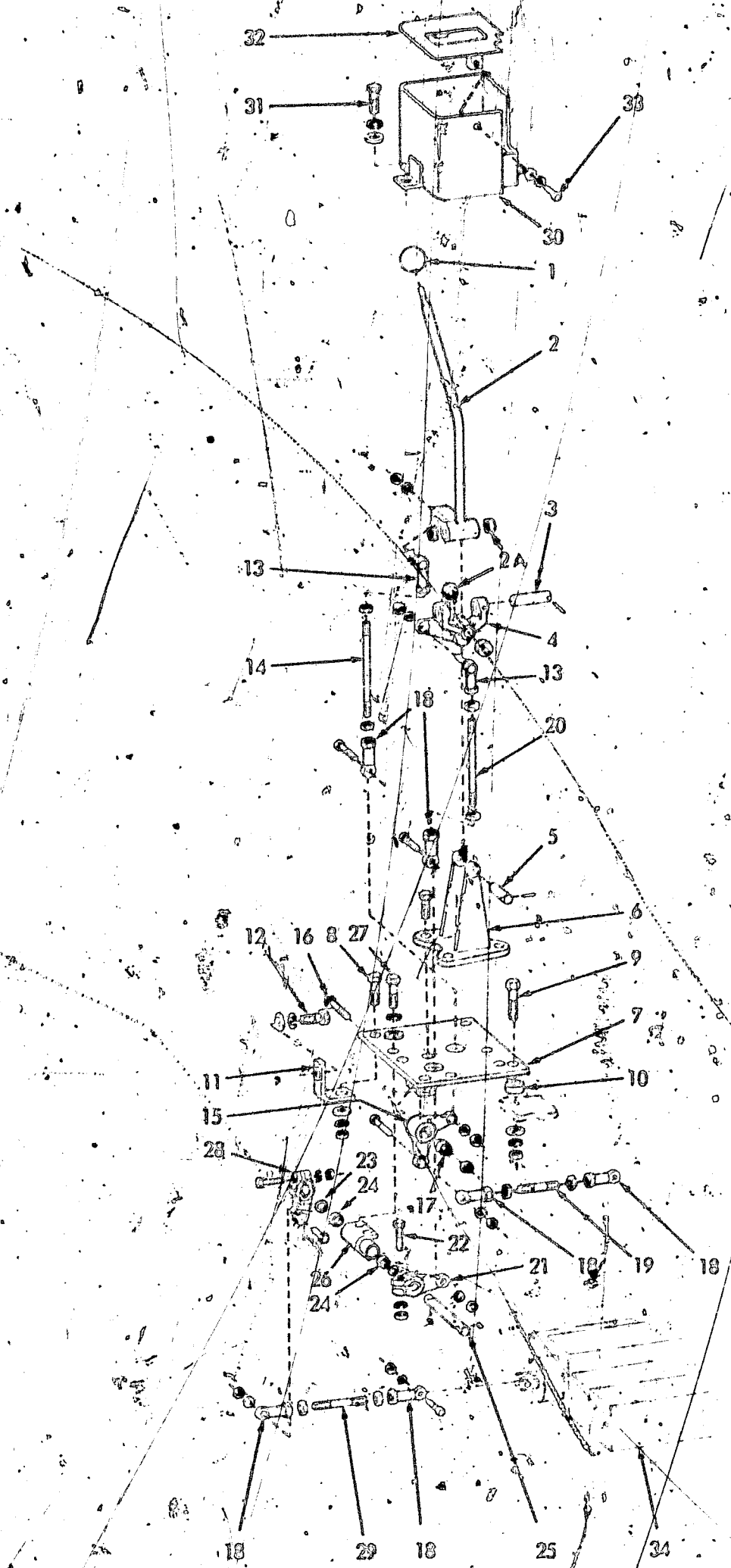
E-75181

DOZER VALVE CONTROLS

DOZER VALVE CONTROLS

ITEM	PART NO.	QTY.	DESCRIPTION
1	70090020	1	KNOB
2	70663932	1	LEVER
2A	70655215	4	BEARING, lever
3	70668506	1	SHAFT
	70915797	1	PIN, spring, 3/16" x 1-1/4"
4	70655428	1	LEVER
5	70655418	1	SHAFT (Not used on units equipped with "Kelley" ripper)
	70915797	1	PIN, spring, 3/16" x 1-1/4"
6	70663901	1	BRACKET
	70920585	4	CAPSCREW, 1/2"NC x 1-3/4"
	70912441	4	LOCKWASHER, 1/2"
	70911028	4	NUT, 1/2"NC
7	70669185	1	BRACKET
8	70920585	2	CAPSCREW, 1/2"NC x 1-3/4"
9	70922526	2	CAPSCREW, 1/2"NC x 2-1/2"
	70677008	4	WASHER, plain
	70911028	4	NUT, 1/2"NC
10	70091553	2	SPACER
11	70666836	2	ANGLE
12	70920585	2	CAPSCREW, 1/2"NC x 1-3/4"
	70677008	2	WASHER, plain
13	70653570	2	END
	70910287	2	LOCKWASHER, 3/8"
	70911041	2	NUT, 3/8"NF
14	70617931	1	ROD
	70911041	2	NUT, 3/8"NF
15	70618994	1	BELLCRANK
16	70912069	1	CAPSCREW, 3/8"NC x 2-1/2"
	70915891	1	NUT, elastic stop, 3/8"NC
17	70606392	1	BEARING
18	70617932	6	END
	70921565	6	CAPSCREW, 3/8"NC x 1-1/2"
	70910287	6	LOCKWASHER, 3/8"
	70911026	6	NUT, 3/8"NC
19	70666823	1	ROD
	70911041	2	NUT, 3/8"NF
20	70641968	1	ROD
	70911041	2	NUT, 3/8"NF
21	70666837	1	LEVER

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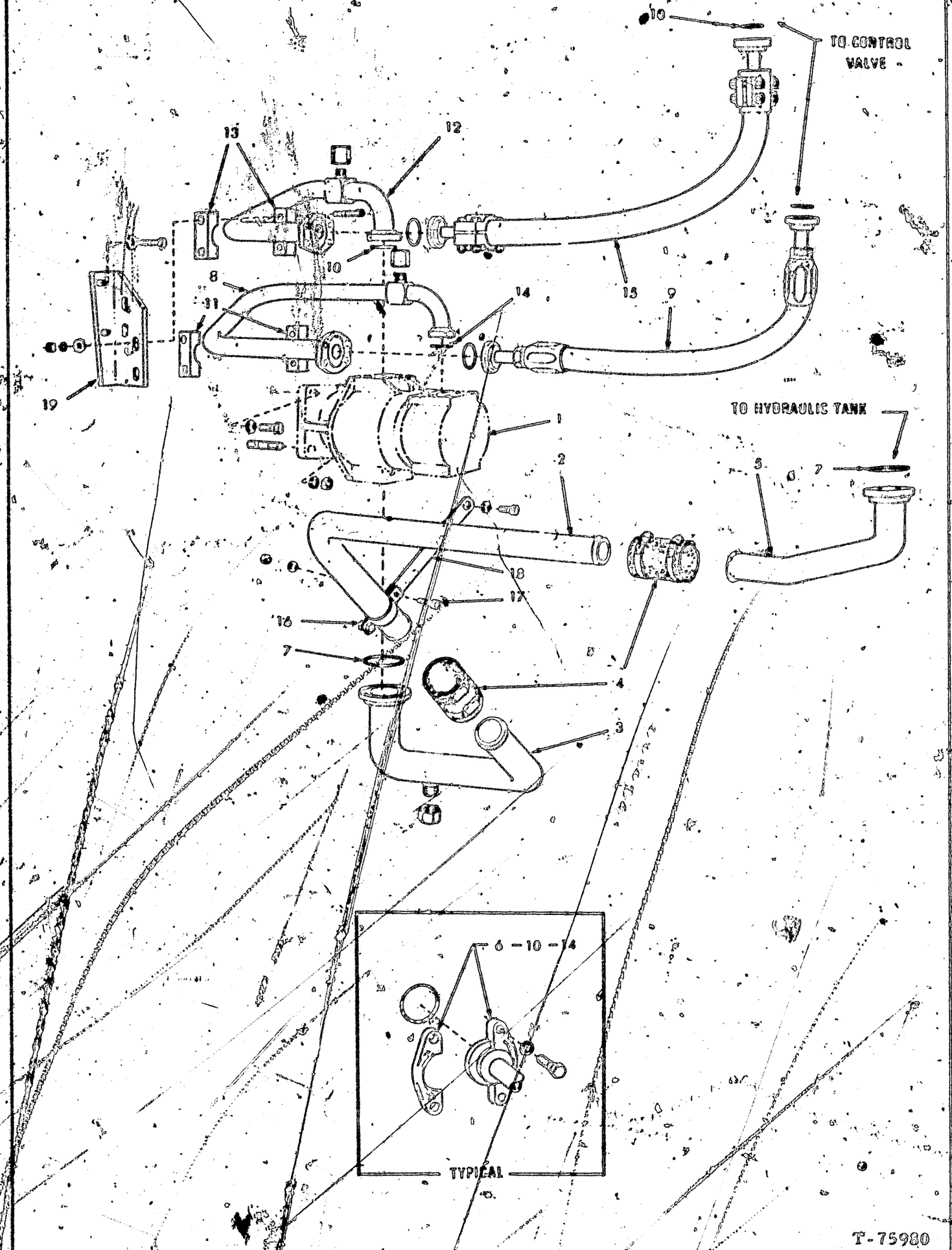
T-75981

DOZER VALVE CONTROLS

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DOZER VALVE CONTROLS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
22	70920996	2	CAPSCREW, 3/8"NC x 2"
	70910287	2	LOCKWASHER, 3/8"
	70911026	2	NUT, 3/8"NC
23	70662662	2	SEAL
24	70208253	2	BEARING
25	70663946	1	SHAFT
	70905122	2	KEY, #7 woodruff, 1/8" x 3/4"
26	70663947	1	BRACKET
27	70920585	2	CAPSCREW, 1/2"NC x 1-3/4"
	70677008	2	WASHER, plain
28	70617648	1	LEVER
29	70626975	1	ROD
	70911041	2	NUT, 3/8"NF
30	70668486	1	GUARD
31	70920585	2	CAPSCREW, 1/2"NC x 1-3/4"
	70677008	2	WASHER, plain
32	70668464	1	GUIDE
33	70922763	2	CAPSCREW, 3/8"NC x 1"
	70677006	2	WASHER, plain
34	------	1	VALVE ASSY. (See E-15)



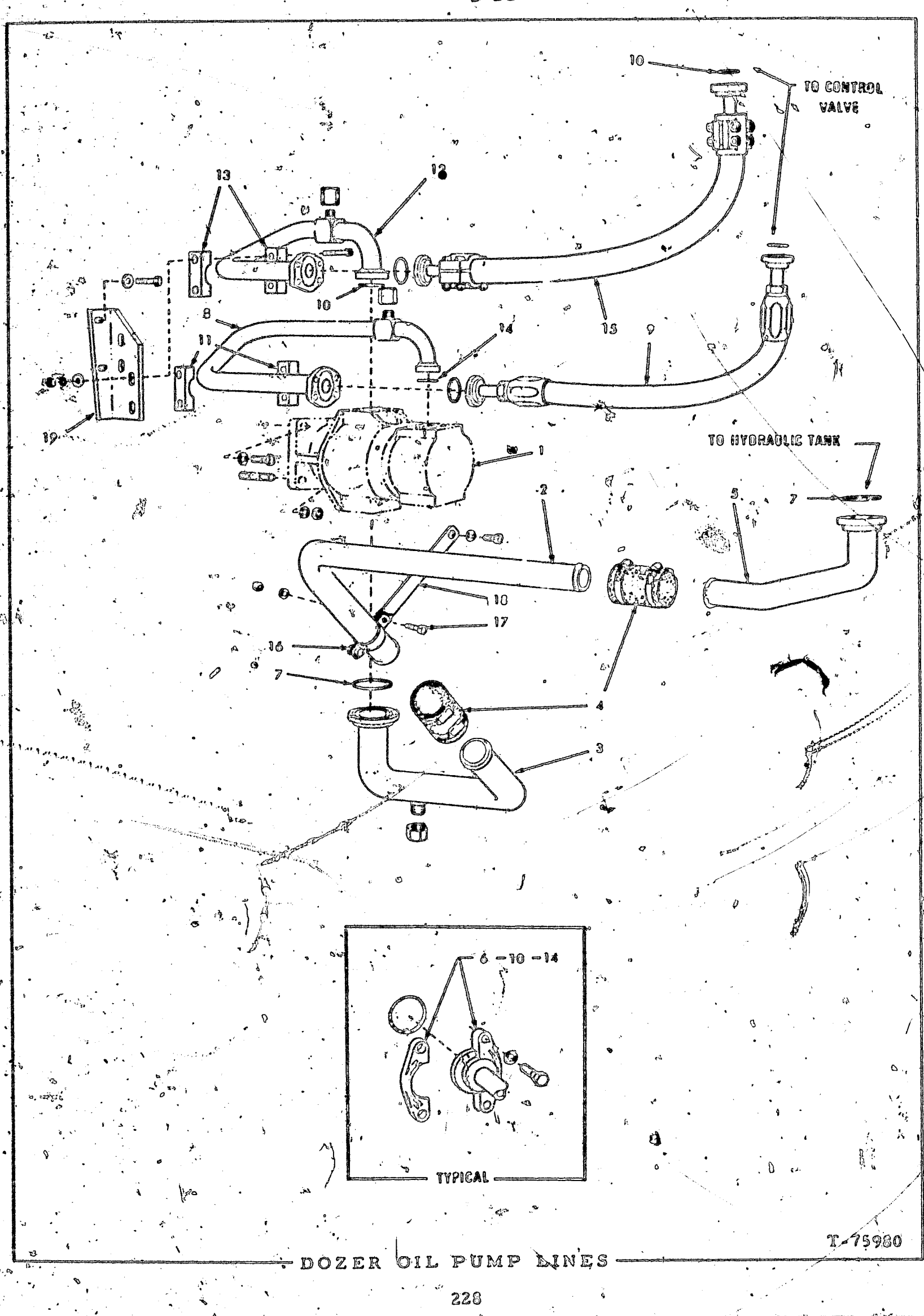
T-75980

DOZER OIL PUMP LINES

DOZER OIL PUMP LINES

ITEM	PART NO.	QTY.	DESCRIPTION
1	------	1	PUMP ASSY. (See E-4)
	74367187	2	STUD
	70920585	2	CAPSCREW, 1/2"NC x 1-3/4"
	70912441	4	LOCKWASHER, 1/2"
	70911043	2	NUT, 1/2"NF
2	70677547	1	TUBE
3	70663845	1	TUBE
	70922195	1	CAP, flare fitting, 1" tube
4	70664853	2	HOSE
	70925434	4	CLAMP
5	70669849	1	TUBE
6	70925449	4	FLANGE
	70921403	8	CAPSCREW, 5/8"NC x 2"
	70912942	8	LOCKWASHER, 5/8"
7	70625448	2	O-RING
8	70681392	1	TUBE
	70921244	1	CAP, flare fitting, 3/4" tube
	70666978	1	HOSE (See HOSE PARTS)(Standard)
	70668395	1	HOSE (See HOSE PARTS)(For Units with optional "Kelley" ripper)
10	70921118	10	FLANGE
	70920583	20	CAPSCREW, 1/2"NC x 1-1/2"
	70912441	20	LOCKWASHER, 1/2"
	70924193	5	O-RING
11	------	1	CLAMP (Tractors prior to #1450. See EXCEPTIONS below)(Order 1 ANGLE 0681713-4 and 2 each 0681693-8 CLAMP, 0681694-6 CLAMP)
	70681693	2	CLAMP (Tractors unit #1450 and up)(See EXCEPTIONS below)
	70927218	2	CAPSCREW, 3/8"NC x 2-3/4"
	70677006	2	WASHER, plain
	70911026	2	NUT, 3/8"NC
	70681390	1	TUBE
	70921244	1	CAP, flare fitting, 3/4" tube
13	------	1	CLAMP (Tractors prior to unit #1450. See EXCEPTIONS below) (Order 1 ANGLE 0681713-4 and 2 each 0681693-8 CLAMP, 0681694-6 CLAMP)
	70681694	2	CLAMP (Tractors unit #1450 and up)(See EXCEPTIONS below)
	70927446	2	CAPSCREW, 3/8"NC x 3"
	70677006	2	WASHER, plain
	70911026	2	NUT, 3/8"NC

(Continued)



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DOZER OIL PUMP LINES

DOZER OIL PUMP LINES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
	70921117	2	FLANGE
	70925193	4	CAPSCREW, 7/16"NC x 1-3/8"
14	70914678	4	LOCKWASHER, 7/16"
	70924192	1	O-RING
15	70666979	1	HOSE ASSY. (Includes items indented below)
	70670095	1	COUPLING (60°)
	70670097	1	COUPLING (straight)
	70670096	1	HOSE
16	73032340	2	CLAMP
17	70923193	2	CAPSCREW, 3/8"NF x 1-1/4"
	70677006	2	WASHER, plain, SAE std., 3/8"
	70911041	2	NUT, 3/8"NF
18	70664854	1	STRAP
	70927219	1	CAPSCREW, 1/2"NC x 3/4"
	70912441	1	LOCKWASHER, 1/2"
19	-------	1	ANGLE (Tractors prior to unit #1450. See EXCEPTIONS below)(Order 1 ANGLE 0681713-4 and 2 each 0681693-8 CLAMP, 0681694-6 CLAMP)
	70681713	1	ANGLE (Tractors unit #1450 and up)(See EXCEPTIONS below)
	70927471	2	CAPSCREW, Nylok, 3/8"NC x 1-3/4"
	70677006	2	WASHER, plain

EXCEPTIONS: Excluding Unit Nos. 1451, 1462, 1463 and including #1443

NOTICE

Allis-Chalmers Corporation and Fiat S. p. A. entered into a joint venture agreement to combine their manufacture, sale and service of construction machinery products throughout the world after January 1, 1974.

In view of the new enterprise, wherever in this publication reference is made to Allis-Chalmers or your Allis-Chalmers dealer, such reference is intended to identify Fiat-Allis Construction Machinery, Inc. or your Fiat-Allis dealer.

Also, for this new enterprise, a new series of 8-digit part numbers is in effect. This change is accomplished by eliminating the "check digit" wherever it may appear, and then, to this basic part number, prefixing a "7" (or "7" plus one or more zeros) to make a full 8-digit part number.

Examples:

667367	becomes 70667367
0688917-4	becomes 70688917
3060101-7	becomes 73060101

All part numbers listed herein must be changed per the above formula before ordering.

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FOR NEW PART NUMBERS INTRODUCED ON THIS FICHE ISSUANCE SEE GRID L-1, L-2

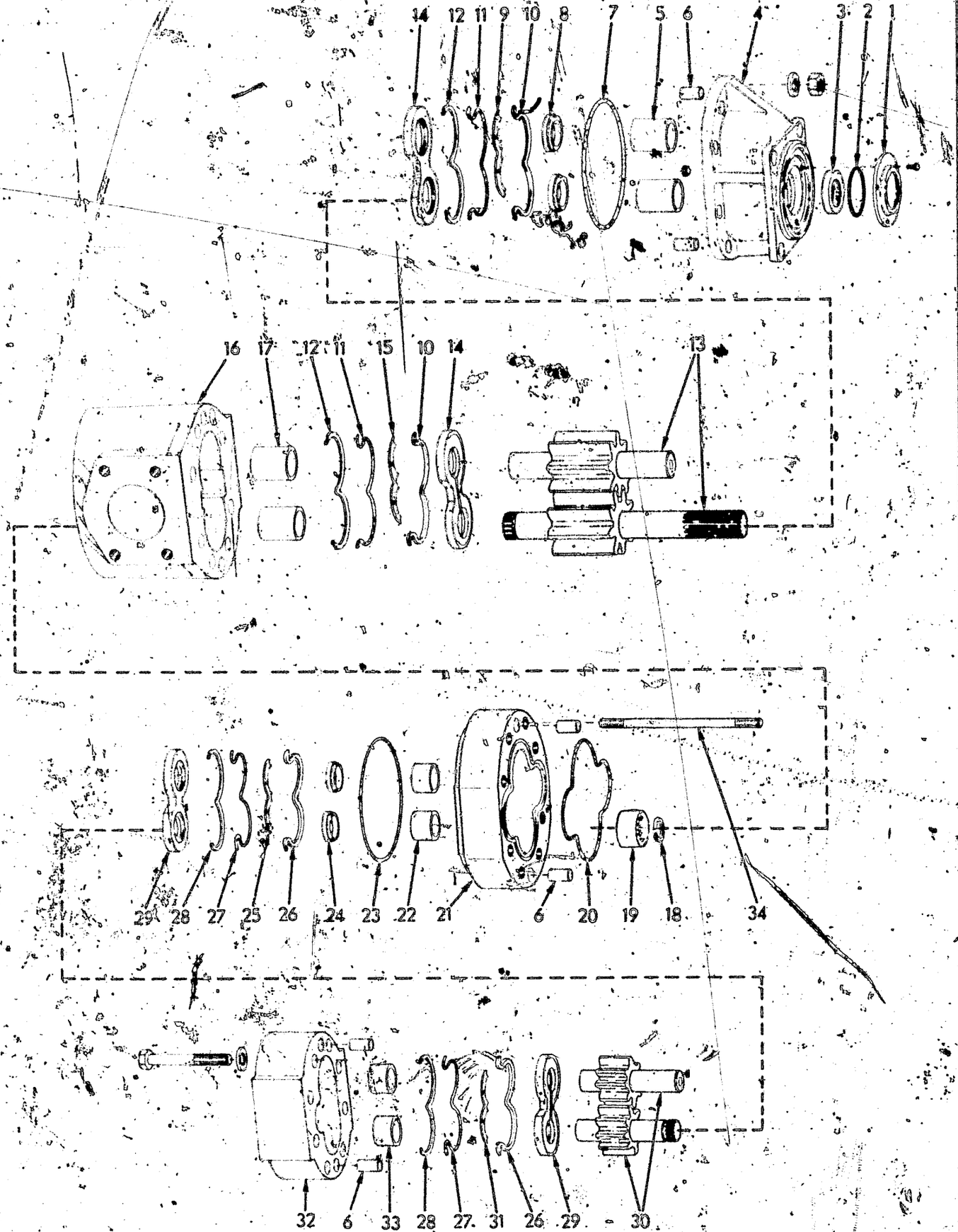
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FOR NEW PART NUMBERS INTRODUCED ON THIS FICHE ISSUANCE SEE GRID L-1, L-2

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T-75979-

DOZER OIL PUMP

DOZER OIL PUMP

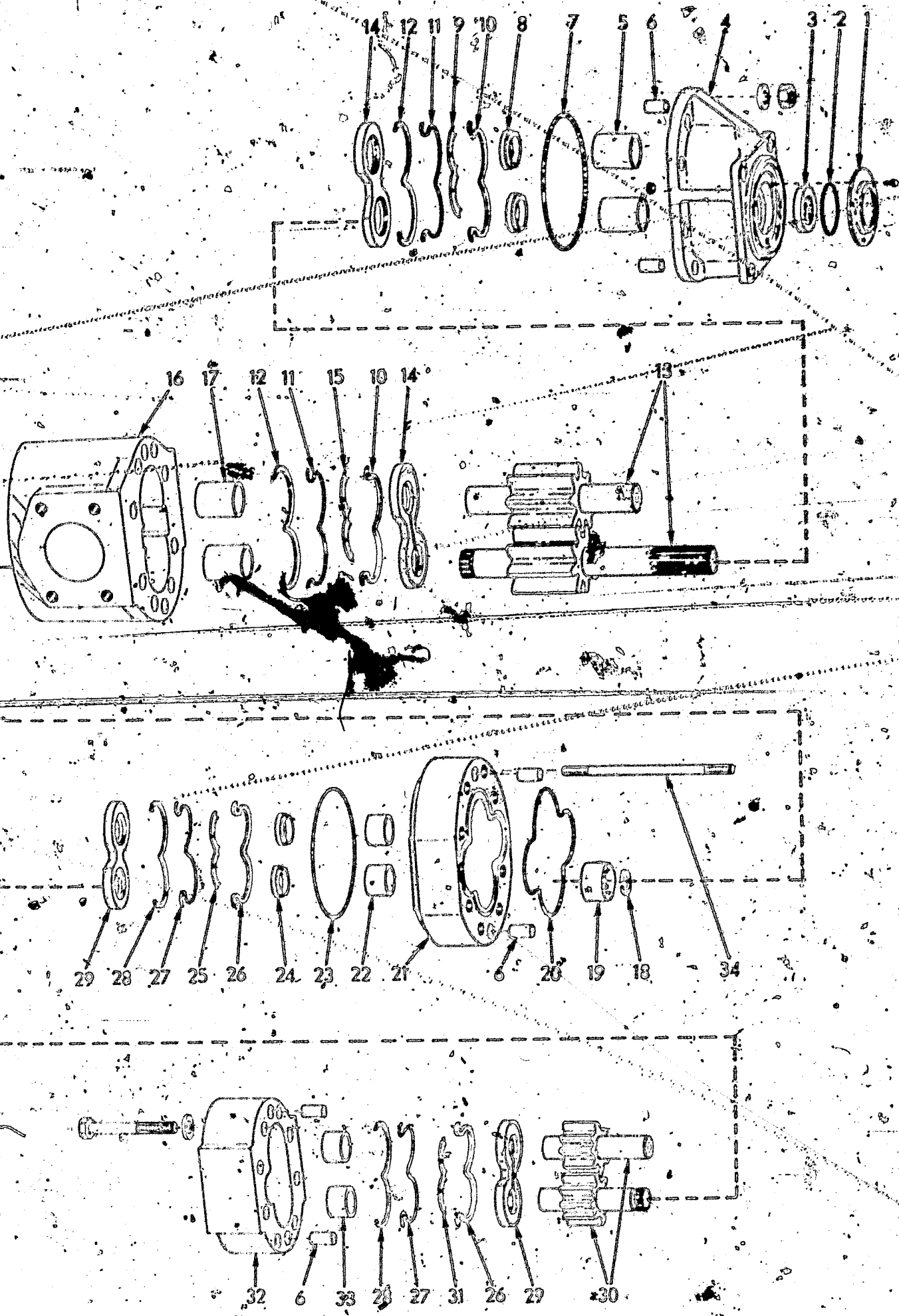
USAGE: See D-19

* Tractors prior to serial No. 99A02702
** Tractors serial No. 99A02702 and up.

ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION	
-	70663877	1	-	PUMP ASSY.	Each includes items 1 thru 34 as indicated.
-	70683963	-	1	PUMP ASSY.	
1	73046983	1	1	PLATE	
	70928138	3	3	CAPSCREW	
2	70927591	1	1	O-RING	
3	70671754	1	1	SEAL, oil	
4	70664297	1	-	FLANGE ASSY., mounting (Includes item 5)	
	73122012	-	1	FLANGE ASSY., mounting (Includes bushings which are not serviced separately)	
	70910231	1	1	PLUG, pipe, hex-socket, 1/8"NPT	
5	70671750	2	-	BUSHING	
6	70194132	6	6	DOWEL, pump body	
7	70923824	1	1	O-RING, mounting flange	
8	73046967	2	-	RING, seal positioning	
9	70194130	1	1	PLATE, isolation	
10	70671753	2	2	RING, back-up (teflon)	
11	70668452	2	2	RING, sealing (rubber)	
12	73046973	2	2	RETAINER, seal ring (nylon)	
13	70664327	1	-	GEAR KIT, front pump	Each consists of 2 matched gears. Includes shafts.
	70686639	-	1	GEAR KIT, front pump	
14	73046968	2	2	PLATE, wear	
15	70194129	1	1	PLATE	
16	70665956	1	-	BODY ASSY., front pump	Each includes item 17
	70683478	-	1	BODY ASSY., front pump	
17	------	2	2	BUSHING (Not serviced separately)	
18	70927691	1	1	RING, snap, gear coupling	
19	70671751	1	1	COUPLING, gear	

(Continued)

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T-75979

DOZER OIL PUMP

DOZER OIL PUMP (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
20	70[illegible]6748		O-RING, center body
	(70[illegible]2420)		O-RING, center body
21	70[illegible]8428		BODY ASSY., center (first type / includes bushings which are not serviced separately)
	70[illegible]0421		BODY ASSY., center (first type / includes bushings which are not serviced separately)
	70697418		BODY ASSY., center (Second type / includes bushings which are not serviced separately)
22	70[illegible]326	5	BUSHING, center
23	70[illegible]9	1	O-RING
	70[illegible]420		O-RING
24	70[illegible]2	2	RING (Gear Pump Only)
25	70[illegible]857	1	PLATE
26	70[illegible]6	2	RING
27	70[illegible]7	2	RING
28	70[illegible]9	2	RETAINER
29	70[illegible]41	1	PLATE
30	70[illegible]328	1	GEAR SET, rear pump (Each gear set includes matched gears)
	70[illegible]40	1	GEAR SET, rear pump (Each gear set includes matched gears)
31	70[illegible]35	1	PLATE
32	70[illegible]457	1	BODY ASSY., rear pump (Includes bushings which are not serviced separately)
	70[illegible]580	1	BODY ASSY., rear pump (Includes bushings which are not serviced separately)
	70[illegible]899	6	CAPSCREW, 2 NC x 4-1/2
	70[illegible]542	2	CAPSCREW, 2 NC x [illegible]
	70[illegible]109	8	WASHER
33	70[illegible]326	1	BUSHING, rear pump body
34	70[illegible]276	6	STUD 17-[illegible] (long)
	70[illegible]623	6	STUD 17-1/4 (long)
	70[illegible]118	8	NUT, 5/8 NF
	73[illegible]479	8	WASHER, pla[illegible]

NOTICE

Allis-Chalmers Corporation and Fiat S. p. A. entered into a joint venture agreement to combine their manufacture, sale and service of construction machinery products throughout the world after January 1, 1974.

In view of the new enterprise, wherever in this publication reference is made to Allis-Chalmers or your Allis-Chalmers dealer, such reference is intended to identify Fiat-Allis Construction Machinery, Inc. or your Fiat-Allis dealer.

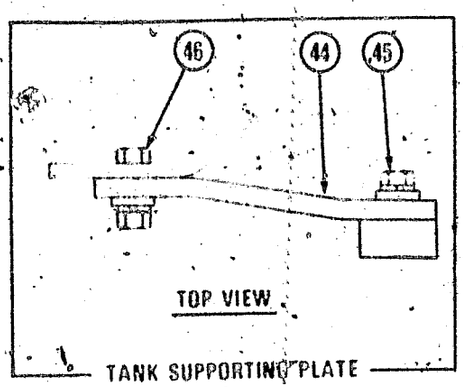
Also, for this new enterprise, a new series of 8-digit part numbers is in effect. This change is accomplished by eliminating the "check digit" wherever it may appear, and then, to this basic part number, prefixing a "7" (or "7" plus one or more zeros) to make a full 8-digit part number.

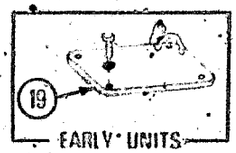
Examples:

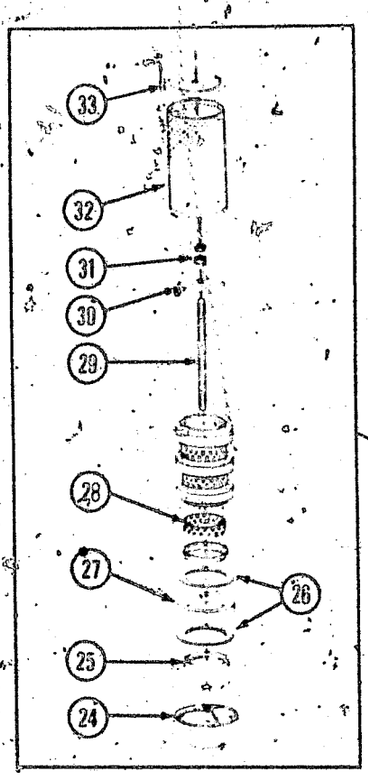
667367	becomes 70667367
0688917-4	becomes 70688917
3060101-7	becomes 73060101

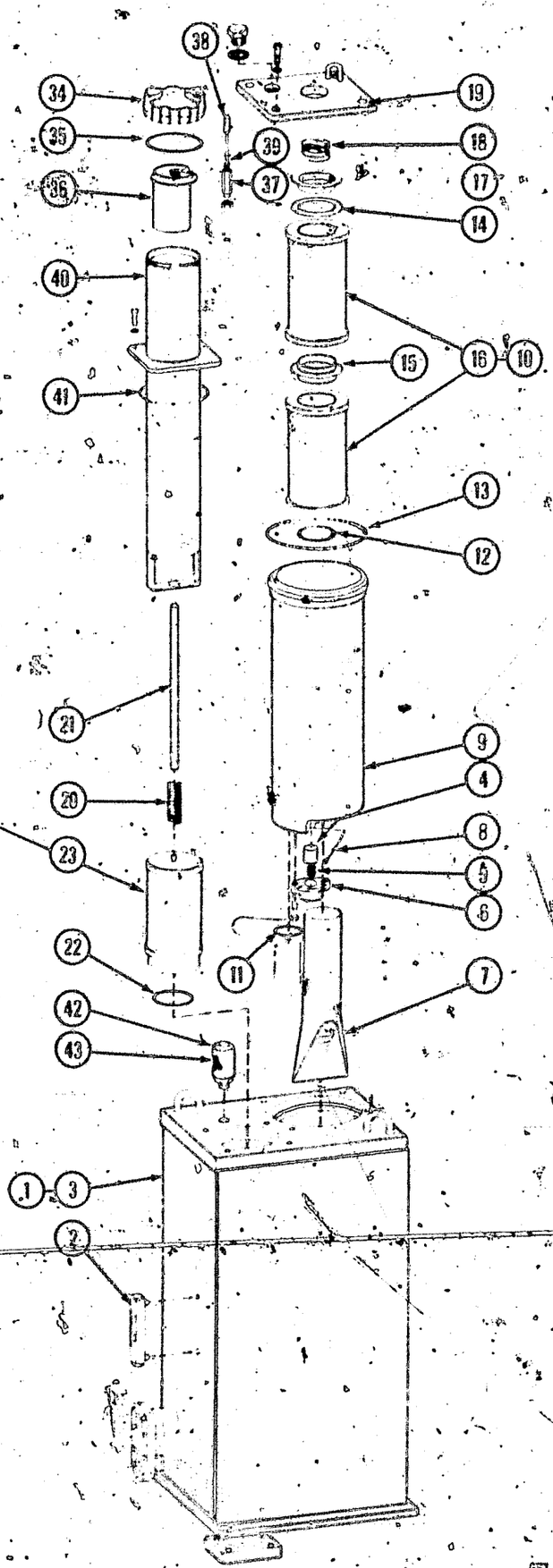
All part numbers listed herein must be changed per the above formula before ordering.

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T-76016

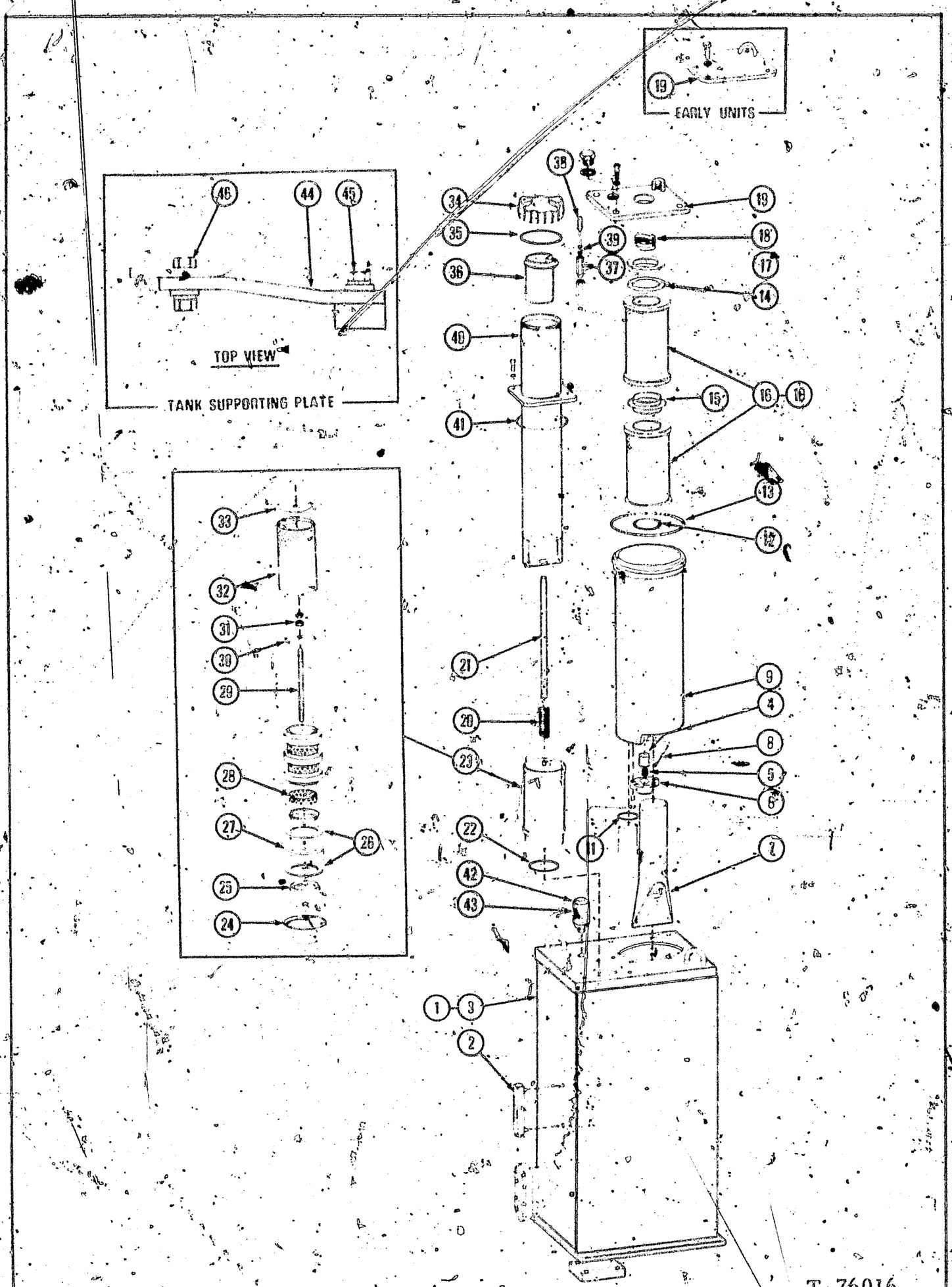
HYDRAULIC TANK

(Revised November 1977)

HYDRAULIC TANK

ITEM	PART NO.	QTY.	DESCRIPTION
-	70663729	1	TANK ASSY. (Includes items 1, 2, and 4 thru 9)(Tractors prior to unit #02454)
-	70684507	1	TANK ASSY. (Includes items 1, 2, and 4 thru 9)(Tractors unit #02454 and up)
1	70663674	1	TANK (Tractors prior to unit #01705).
	70679571	1	TANK (Tractors unit #01705 thru #02454)
	70684508	1	TANK (Tractors unit #02454 and up)
	70920583	4	CAPSCREW, 1/2" NC x 1-1/2" (Tractors prior to unit #01705)
	70912441	4	LOCKWASHER, 1/2" (Tractors prior to unit #01705)
	70921069	2	CAPSCREW, 5/8" NC x 1-7/8" (Tractors unit #01705 and up)
	70912942	2	LOCKWASHER, 5/8" (Tractors unit #01705 and up)
2	70661994	1	GAUGE (Includes capscrews and gaskets)
3	70664001	1	TRANSFER (Not illustrated)
4	70647151	1	VALVE
5	70647108	1	SPRING
6	70647122	1	CAP
	70927547	2	CAPSCREW, drilled-hd., 3/8" NC x 1-1/2"
	70023653	1	WIRE, locking, 1/16" x 12"
7	70663940	1	TUBE
8	70919271	1	PIN, cotter
9	70662468	1	HOUSING
	70928798	1	CAPSCREW, Nylok, 3/8" NC x 3-1/4"
	70910287	1	LOCKWASHER, 3/8"
10	70664000	1	ELEMENT KIT (Consists of 2 elements and items 11 thru 15)
11	70923579	1	O-RING
12	70924146	1	O-RING
13	70923951	1	O-RING
14	70663977	1	GASKET
15	70666423	1	CONNECTOR
16	-------	2	ELEMENT (Order item 10)
17	70666422	1	CAP
18	70641027	1	SPRING
19	70675556	1	COVER (Early units)
	73110677	1	COVER (Late units)
	70927173	4	CAPSCREW, 3/8" NC x 1-1/8"
	70677006	4	WASHER, plain
19A	70921216	1	PLUG, hex-hd., 1-5/16" str. thrd. (Includes O-RING)(Late units)
	70921214	1	O-RING

(Continued)



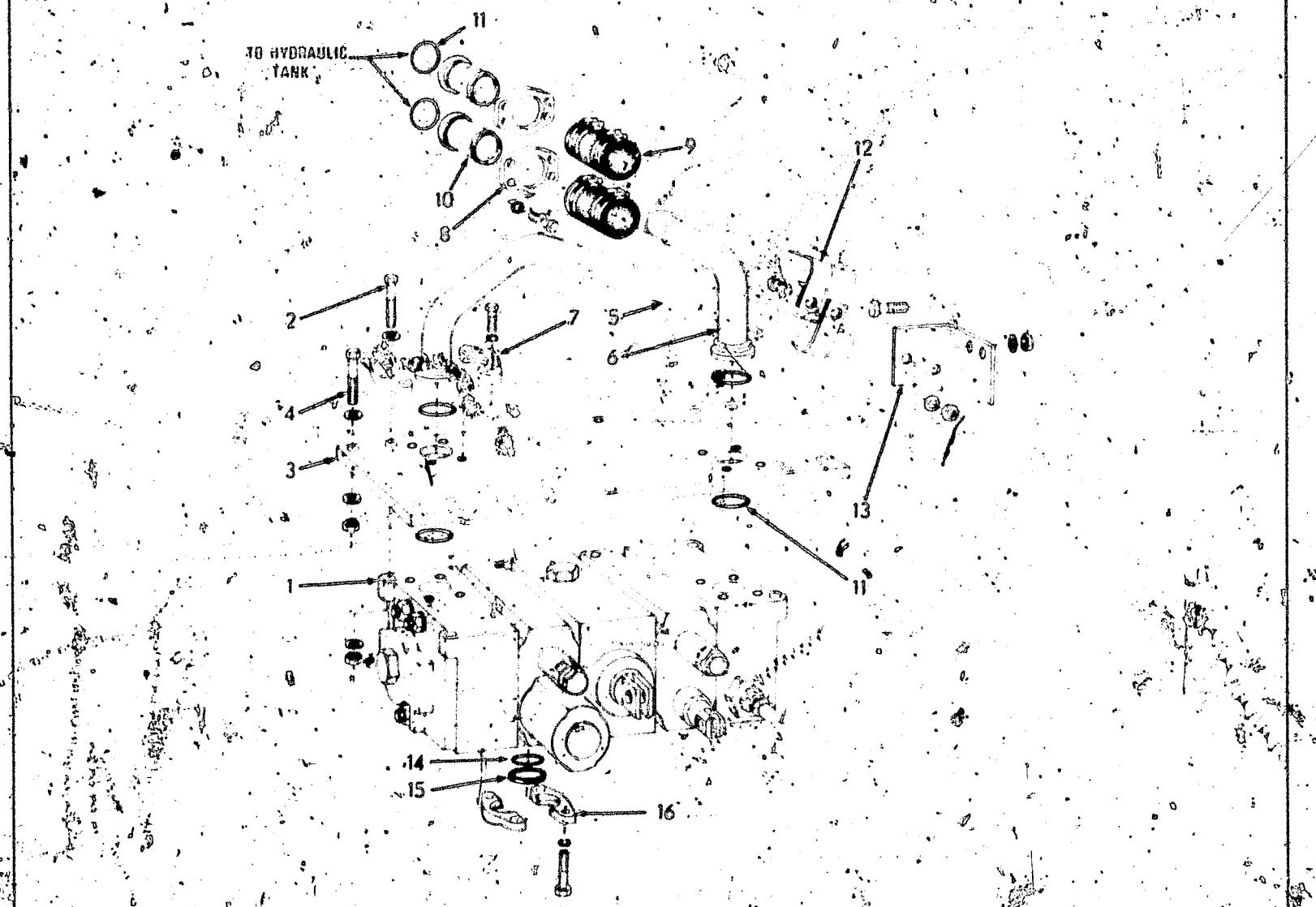
T-76016

HYDRAULIC TANK

(Revised November 1977)

HYDRAULIC TANK (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
20	70629407	1	SPRING
21	70666374	1	ROD
22	70923816	1	O-RING
23	70664960	1	SEPARATOR ASSY. (Consists of items 24 thru 33)
24	70666573	1	HEAD
25	70666572	2	SPACER
26	70666571	8	PLATE
27	70666569	4	MAGNET
28	70666567	3	SPACER
29	70666570	1	TIE-ROD
30	70666566	1	BRIDGE
31	70666565	3	NUT
32	70666568	1	SLEEVE
33	70666564	1	PLATE
34	70665720	1	CAP
35	70923950	1	O-RING
36	70671325	1	STRAINER
37	70666634	1	GUIDE
38	70665767	1	PLUNGER
39	70666654	1	SPRING
40	70666254	1	TUBE
	70924173	4	CAPSCREW, 3/8"NC x 1-1/8"
	70677006	4	WASHER, plain
41	70923594	1	O-RING
42	70668807	1	VALVE ASSY. (Includes item 43 and items indented below) (Tractor unit #02454 and up)
	70196132	1	SEAL, poppet } Not illustrated
	70196131	1	SEAL, sleeve } Not illustrated
	70196130	1	RING, locking } Not illustrated
43	70668921	1	FILTER
44	70666470	1	PLATE
45	70920583	2	CAPSCREW, 1/2"NC x 1-1/2"
46	70920585	2	CAPSCREW, 1/2"NC x 1-3/4"
	70677008	4	WASHER, plain
	70911028	2	NUT, 1/2"NC



T-76019

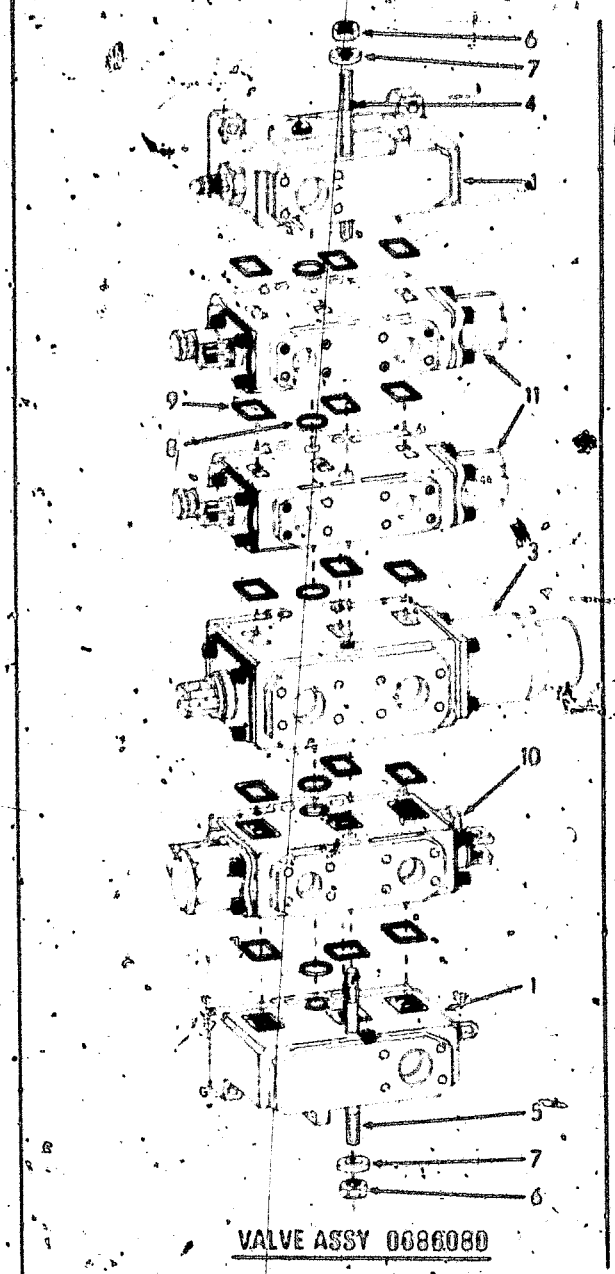
CONTROL VALVES AND RETURN LINES

ITEM	PART NO.	QTY.	DESCRIPTION
	70665121	1	VALVE ASSY. (For operating dozer and hydraulic tilt on tractors prior to unit #02201 only)
1	70686070	1	VALVE ASSY. (For operating dozer, ripper and hydraulic tilt)
	70686080	1	VALVE ASSY. (For operating dozer, hydraulic tilt and optional "Kelley" ripper)
2	70921598	4	CAPSCREW, 1/2"NC x 2-1/4"
	70677008	4	WASHER, plain
	70912441	4	LOCKWASHER, 1/2"
	70911028	4	NUT, 1/2"NC
3	70668405	1	PLATE (For units equipped with optional "Kelley" ripper)
	70663868	1	PLATE (Standard)
4	70921556	4	CAPSCREW, 1/2"NC x 2-1/4"
	70677008	8	WASHER, plain
	70911028	4	NUT, 1/2"NC
5	70663871	1	TUBE

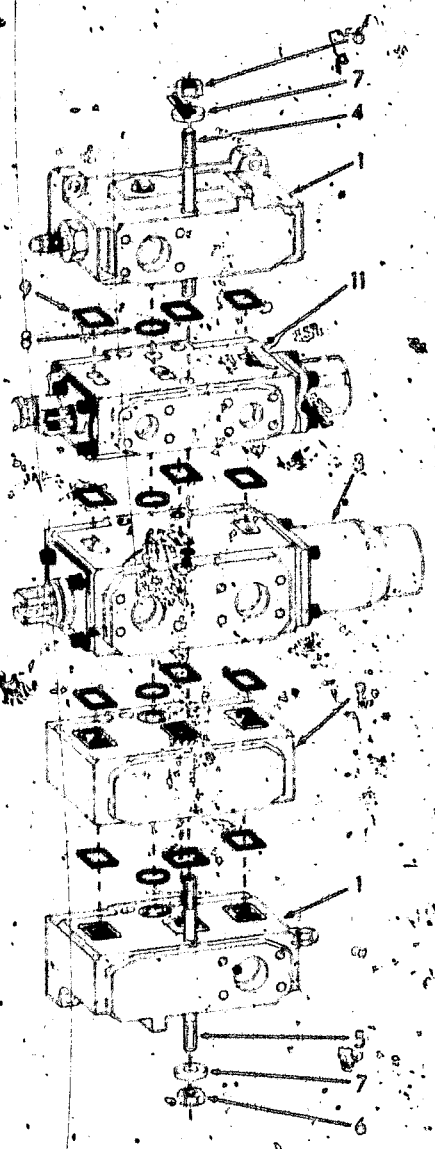
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CONTROL VALVES AND RETURN LINES (Continued)

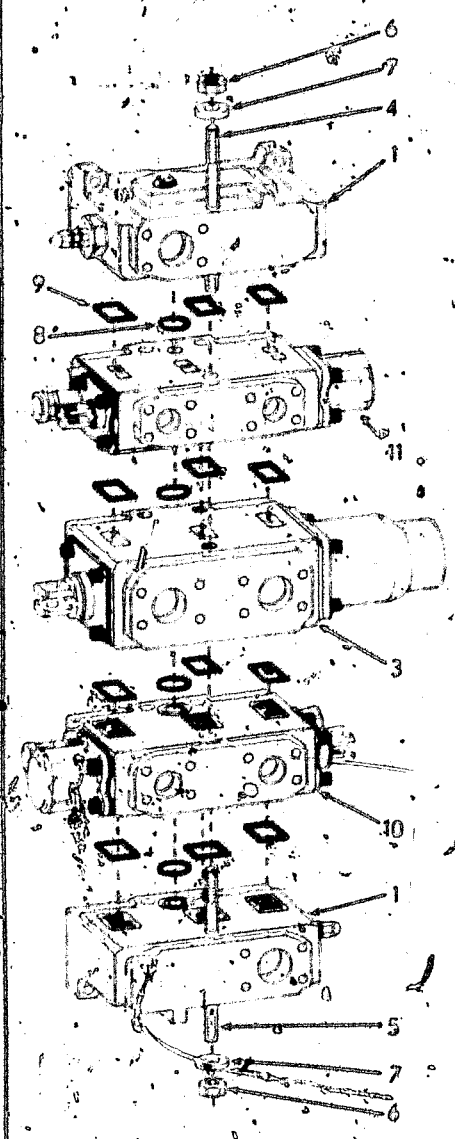
ITEM	PART NO.	QTY.	DESCRIPTION	
6	70663872	1	TUBE (Standard)	
	70668409	1	TUBE (For units equipped with optional "Kelley" ripper)	
7	70921117	4	FLANGE (half-only)	
	70920582	8	CAPSCREW, 1/2"NC x 1-1/4"	
	70912441	8	LOCKWASHER, 1/2"	
8	70921118	4	FLANGE (half-only)(Tractors prior to unit #001424)	
	70680718	2	FLANGE (one-piece)(Tractors unit #001424 and up)	
	70920582	8	CAPSCREW, 1/2"NC x 1-1/4"	
	70912441	8	LOCKWASHER, 1/2"	
9	70680715	2	HOSE	
	70921913	8	CLAMP	
10	70666968	2	FITTING	
11	70924193	6	O-RING	
12	70053096	2	CLIP	Tractors unit #001718 and up excluding #001722
	70920582	2	CAPSCREW, 1/2"NC x 1-1/4"	
	70677008	2	WASHER, plain	
	70911028	2	NUT, 1/2"NC	
13	70668404	1	ANGLE	
	70920585	2	CAPSCREW, 1/2"NC x 1-3/4"	
	70677008	2	WASHER, plain	
	70911028	2	NUT, 1/2"NC	
14	70924192	2	O-RING	Tractors unit #002761 and up
15	70643228	2	PLUG	
16	70921117	4	FLANGE (half only)	
	70923192	8	CAPSCREW, 7/16"NC x 1-1/2"	
	70914678	8	LOCKWASHER, 7/16"	



VALVE ASSY 0686080



VALVE ASSY 665021



VALVE ASSY 0680070

T-75429

CONTROL VALVES

* 0686080-3 VALVE ASSEMBLY
** 0665121-0 VALVE ASSEMBLY
*** 0686070-4 VALVE ASSEMBLY

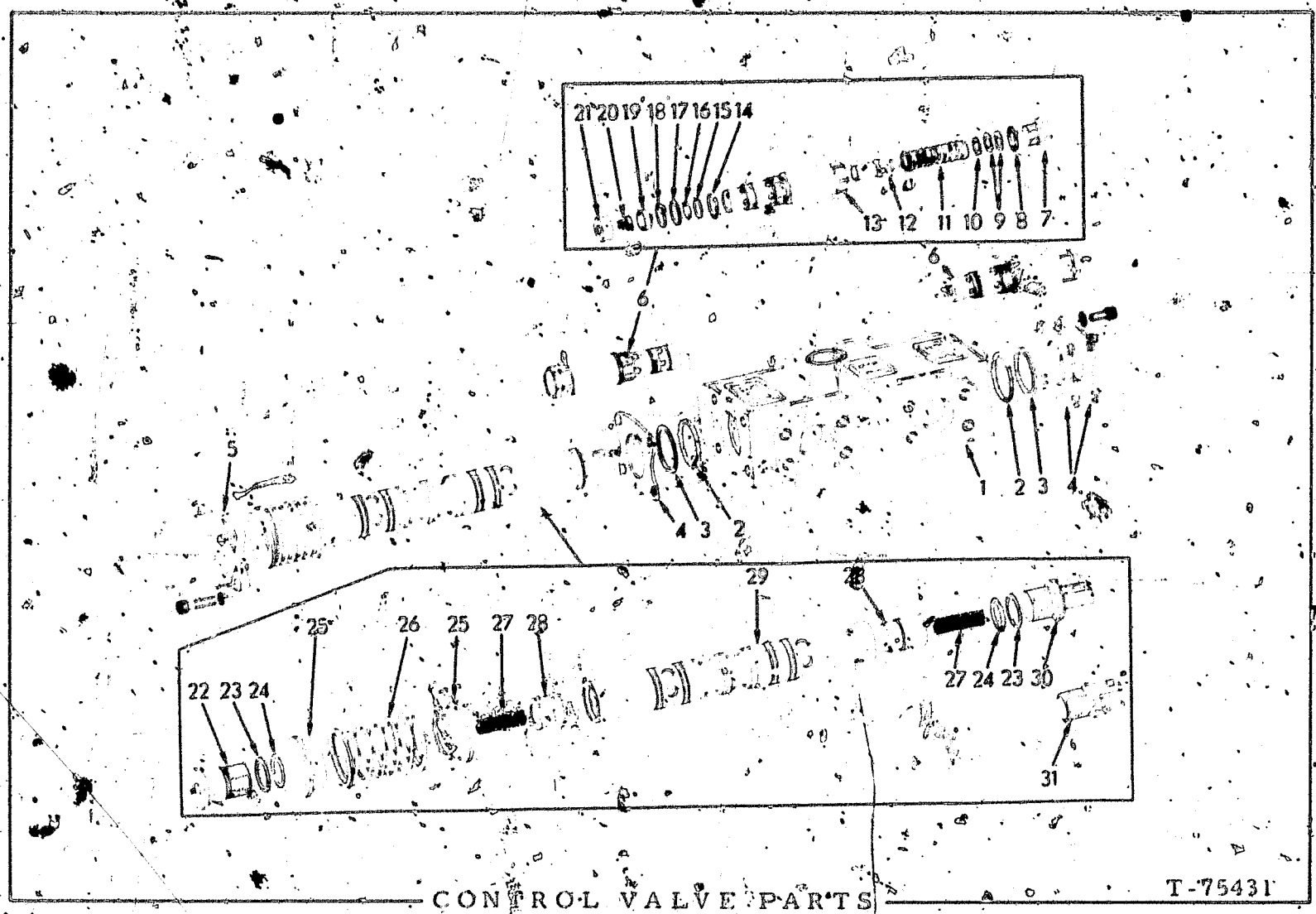
See E-13

ITEM	PART NO.	QUANTITY *	**	***	DESCRIPTION
1	70664533	2	2	2	VALVE ASSY. (See E-21)
2	70663725	-	1	-	SPACER
3	70664566	1	1	1	VALVE ASSY. (Tractors prior to unit #02707)(See E-19)
	70686100	1	1	1	VALVE ASSY. (Tractors unit #02707 and up)(See E-19)
4	70666121	3	-	-	STUD (10-1/4" long)
	70664748	3	3	3	STUD (7-1/2" long)
5	70664747	3	3	3	STUD (7-7/8" long)
6	70668231	6	6	6	NUT (5/8"NC)

(Continued)

CONTROL VALVES (Continued)

ITEM	PART NO.	QUANTITY			DESCRIPTION
7	70659494	6	6	6	WASHER
8	70659496	5	4	4	RING
9	70659497	15	12	12	RING
10	70655655	1	-	1	VALVE ASSY. (See E-17).
11	70685909	2	1	1	VALVE ASSY. (See E-17).



T-75431

CONTROL VALVE PARTS

* 0685999-5 VALVE ASSEMBLY, tilt control
** 0655655-9 VALVE ASSEMBLY, ripper control
} See E-15

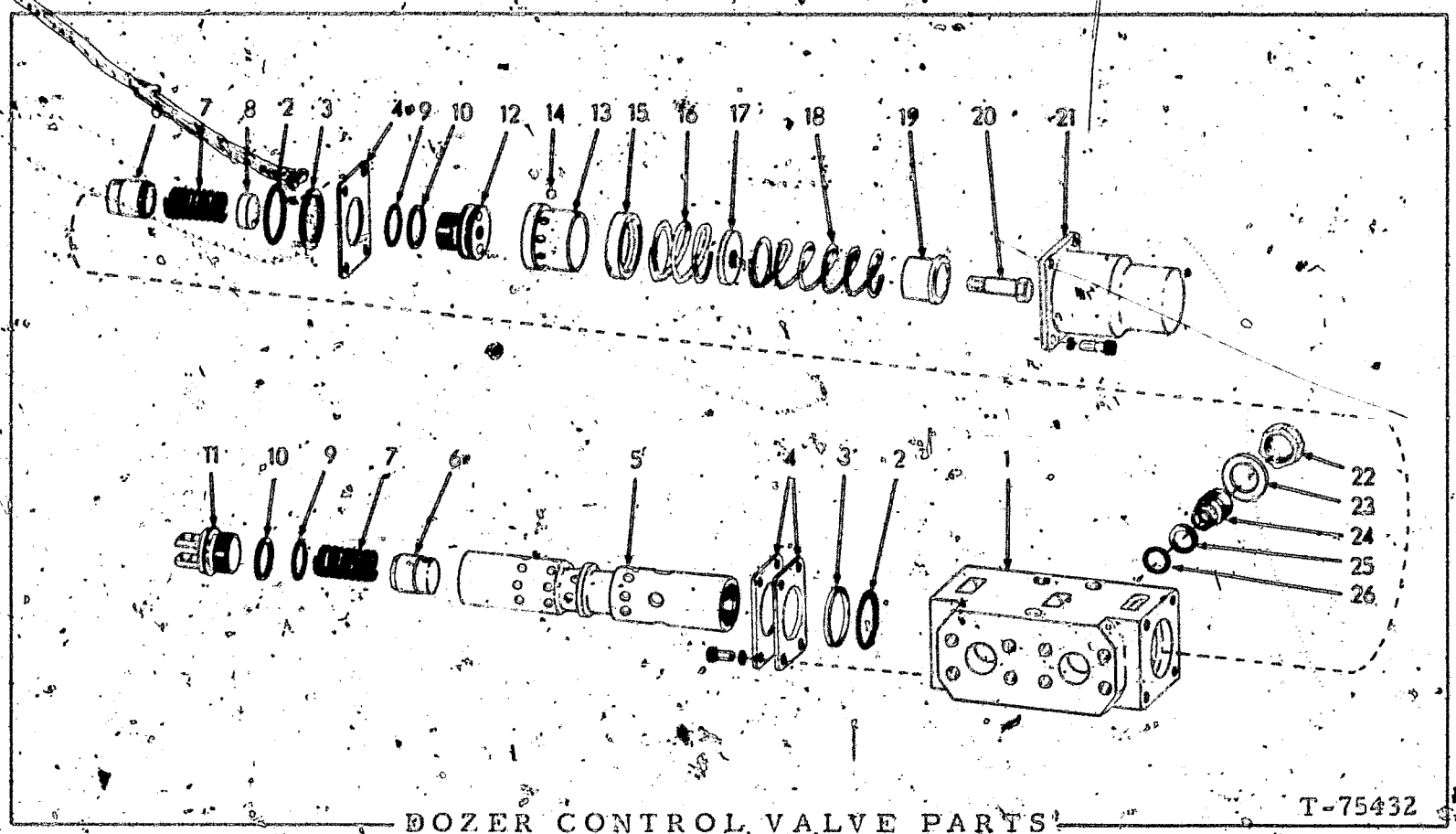
ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION
1	------	1	1	HOUSING (Not serviced separately)
2	70923813	2	-	O-RING
	70923576	-	2	O-RING
3	70664462	2	-	RING
	70658284	-	2	RING
4	70664464	3	-	PLATE
	70658286	-	3	PLATE
	70925192	4	4	CAPSCREW, socket-hd., 5/16"NC x 5/8"
	70906959	4	4	LOCKWASHER, internal teeth, 5/16".
5	70664456	1	-	CAP
	70658282	-	1	CAP
	70926269	4	4	CAPSCREW, socket-hd., 5/16"NC x 1-1/4"
	70904205	4	4	LOCKWASHER, 5/16"
6	70671986	2	-	VALVE ASSY. (2600 P.S.I.) } Each consists of items 7 thru 21
	70658466	-	2	VALVE ASSY. (2300 P.S.I.) } Each consists of items 7 thru 21
7	70658363	2	2	CAP

(Continued)

CONTROL VALVE PARTS (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
8	70923379	2	2	O-RING (1" O.D.)
9	70658360	1	1	WASHER (1/64" thick)
	70911992	1	1	WASHER (1/16" thick) } Use as required.
10	70660792	1	1	SHIM (.005" thick)
11	70659555	2	2	SPRING
12	70658364	2	2	SEAT
13	--------	2	2	CARTRIDGE (Not serviced separately)
14	70924775	2	2	O-RING (1-1/8" O.D.)
15	70660793	2	2	RING
16	70925081	2	2	O-RING (3/4" O.D.)
17	70665250	2	2	RING
18	70924854	2	2	O-RING (1" O.D.)
19	70658365	2	2	BALL ASSY. (Serviced only as a unit)(Early valves)
	73109599	2	2	POPPET (Late valves)
20	70658361	2	2	SPRING (Conical) (Early valves)
	73109602	2	2	SPRING (straight) (Late valves)
21	70665174	2	2	CAP
22	70664458	1	-	BOLT
	70658279	-	1	BOLT
23	70664466	2	-	RING
	70660780	-	2	RING
24	70924922	2	-	O-RING
	70925069	-	2	O-RING
25	70664460	2	-	GUIDE
	70658280	-	2	GUIDE
26	70664461	1	-	SPRING
	70659506	-	1	SPRING
27	70665814	2	-	SPRING
	70659504	-	2	SPRING
28	70664459	2	-	VALVE
	70658278	-	2	VALVE
29	--------	1	1	PLUNGER (Not serviced separately)
30	70658281	-	1	CLEVIS
31	70665718	1	-	CLEVIS

(Revised November 1977)



DOZER CONTROL VALVE PARTS T-75432

USAGE: See E-15

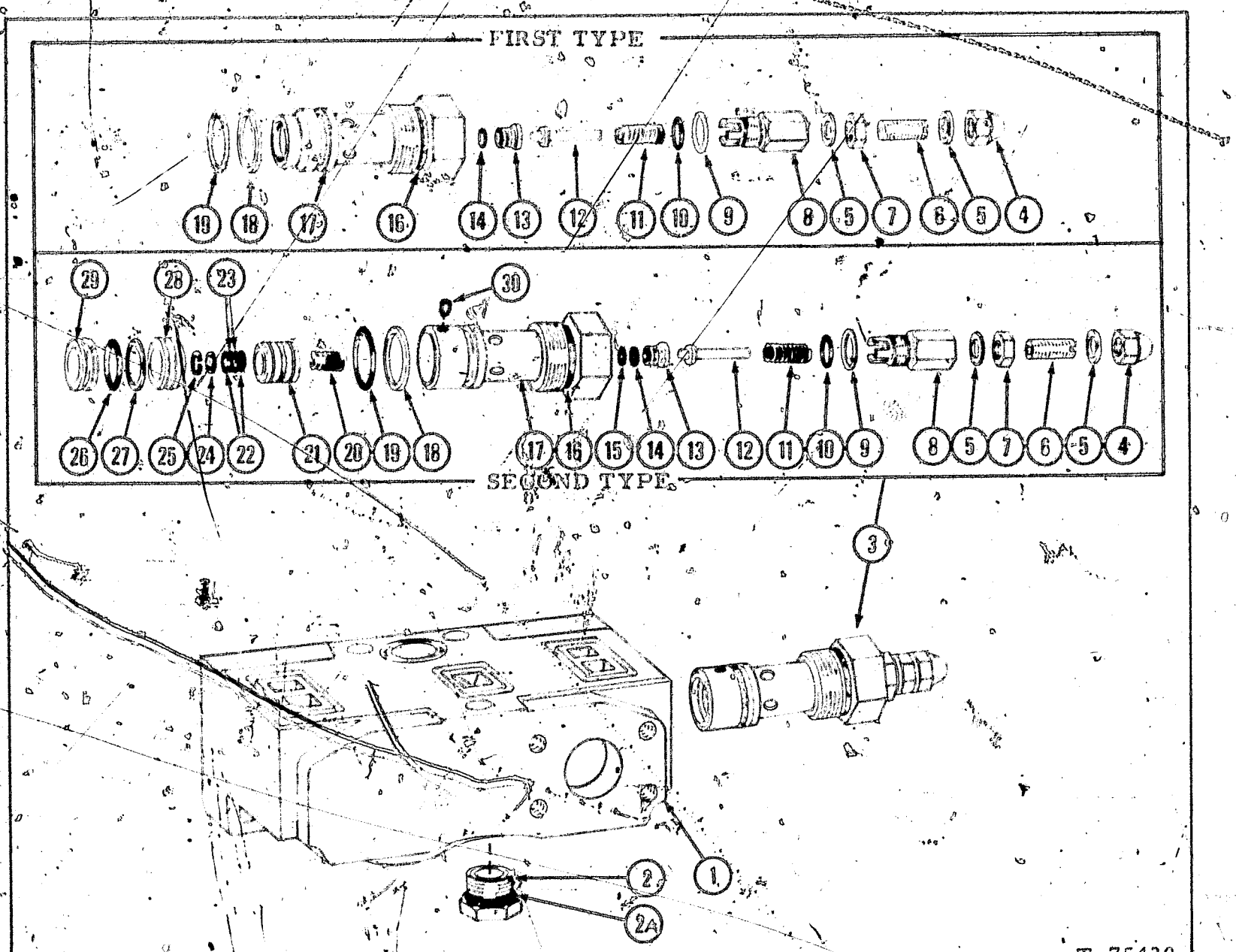
0664566-7 VALVE ASSY. (Commercial Shearing No. 12F163R)
0686100-9 VALVE ASSY. (Commercial Shearing No. 12F165R)

ITEM	PART NO.	QTY.		DESCRIPTION
				NOTE: Check Commercial Shearing No. for positive identification
1	-------	1	1	HOUSING (Not serviced separately)
2	70923580	2	2	O-RING
3	70664577	2	2	RING
4	70664575	3	3	PLATE
	70925640	4	4	CAPSCREW, socket-hd., 5/16" NC x 3/4"
	70910286	4	4	LOCKWASHER, 5/16"
5	-------	1	1	PLUNGER (Not serviced separately)
6	70664576	1	-	VALVE
	70680246	-	2	VALVE
7	70664580	1	-	SPRING
	70680244	-	2	SPRING
8	70680511	-	1	SPACER
9	70927101	2	2	O-RING

(Continued)

DOZER CONTROL VALVE PARTS (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
10	70664578	2	2	RING
11	70664567	1	-	CLEVIS
	70680245	-	1	CLEVIS
12	70664570	1	-	DETENT
	70680241	-	1	DETENT
13	70664571	1	1	RETAINER
14	70924855	6	6	BALL, steel, 3/8" diam.
15	70664572	1	1	SLEEVE
16	70664582	1	1	SPRING
17	70664573	1	1	WASHER
18	70664581	1	1	SPRING
19	70664569	1	1	GUIDE
20	70664574	1	1	BOLT
21	70664568	1	1	CAP
	70926269	4	4	CAPSCREW, socket-hd., 5/16"NC x 1 1/4"
	70910286	4	4	LOCKWASHER, 5/16"
22	70664585	1	1	CAP
23	70664584	1	1	GASKET
24	70693476	1	1	SEAT ASSY. (Includes poppet)
25	70663840	1	1	RING
26	70925638	1	1	O-RING



RELIEF VALVE ASSEMBLY 0664533-7

USAGE: See E-15

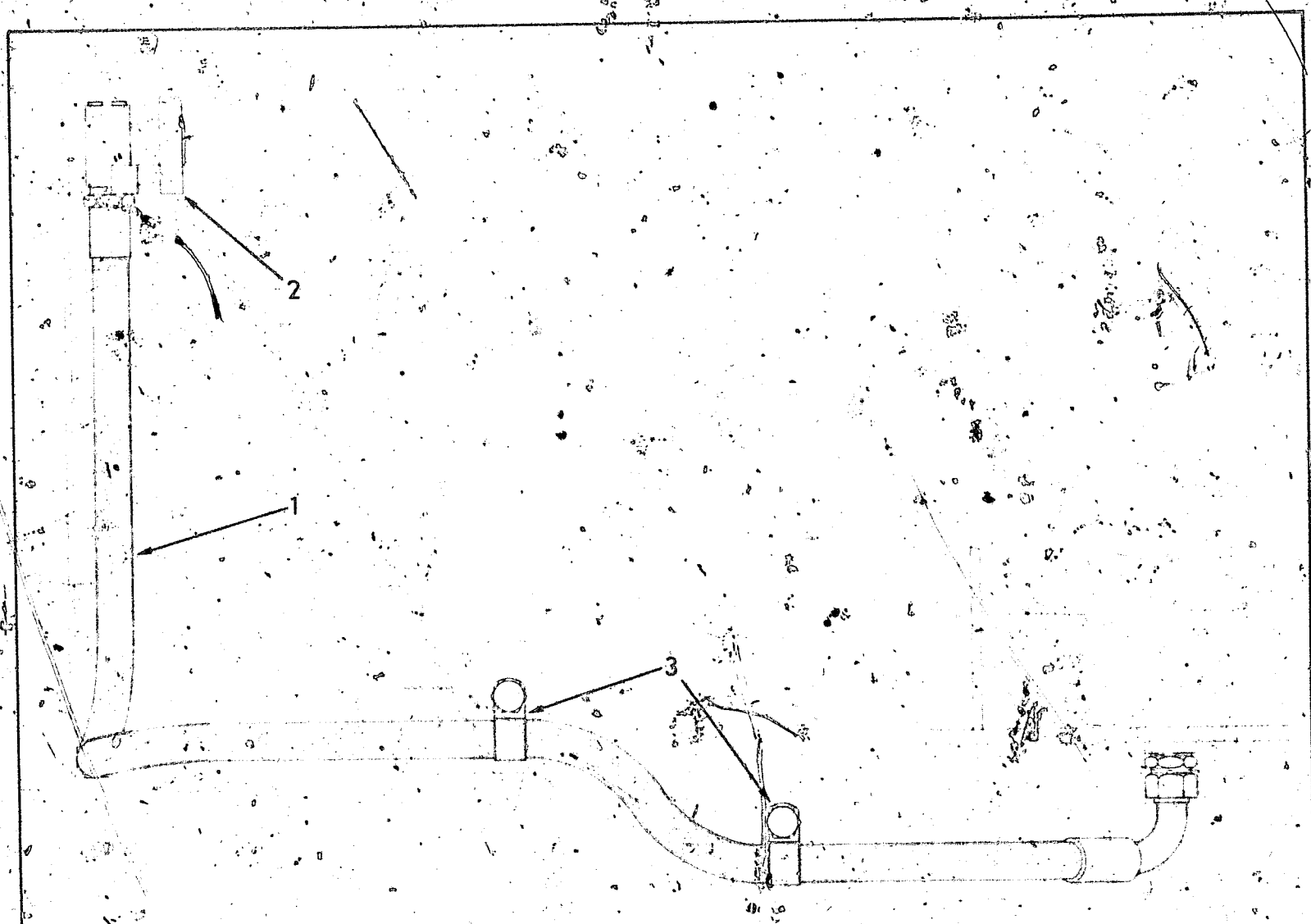
* First type
** Second type

ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION
1	-------	1	1	HOUSING (Not serviced separately)
2	70921204	1	1	PLUG (Includes item 2A)
2A	70921206	1	1	O-RING
3	70669198	-		VALVE ASSY. (Consists of items 4 thru 14 and 16 thru 19)
	70683795	-	1	VALVE ASSY. (Consists of items 4 thru 30)
4	70913559	1	1	NUT (3/8"NF acorn)
5	70668552	2	2	GASKET
6	70668550	1	1	SCREW
7	70910329	1	1	NUT, jam (3/8"NF)
8	70668551	1	1	RETAINER

(Continued)

RELIEF VALVE ASSEMBLY 0664533-7 (Continued)

ITEM	PART NO.	QTY. *	QTY. **	DESCRIPTION
9	0668548-1	1	1	GASKET
10	0923846-0	1	1	O-RING
11	0668555-6	1	-	SPRING
	0684439-3	-	1	SPRING
12	0669188-5	1	1	POPPET
13	0669189-3	1	-	SEAT
	0684438-5	-	1	SEAT
14	0926356-7	1	1	O-RING
15	0684416-1	-	1	RING
16	0924270-2	1	1	O-RING
17	---------	1	1	CARTRIDGE ASSY. (Not serviced separately)
18	0658245-6	1	1	RING
19	0924696-8	1	1	O-RING
20	0684435-1	-	1	SPRING
21	---------	-	1	POPPET (Not serviced separately)
22	0684408-8	-	2	SCREEN (30 mesh)
23	0684409-6	-	2	SCREEN (100 mesh)
24	0684410-4	-	1	SPACER
25	0927685-8	-	1	SNAP RING
26	0924774-3	-	1	O-RING
27	0684411-2	-	1	RING
28	0684436-9	-	1	SEAT
29	0684437-7	-	1	RETAINER
30	0684413-8	-	2	SETSCREW



T-76020

HYDRAULIC TANK DRAIN LINE

ITEM	PART NO.	QTY.	DESCRIPTION	
1	0670772-3	1	HOSE (See HOSE PARTS)	
	0919268-3	1	UNION, flare type, 1" tube (Tractors prior to unit #02050)	
	0923174-7	1	CONNECTOR, flare type, 1" tube, 1-1/16" male (Include O-RING)	Tractors unit #02050 and up
	0921206-9	1	O-RING, connector	Tractors unit #02050 and up
2	0652638-8	1	VALVE	
	0901666-8	1	PLUG, pipe, ctsk-hd., 1"NPT	
3	0927311-1	2	CLAMP	
	0920582-4	2	CAPSCREW, 1/2"NC x 1-1/4"	
	0912441-3	2	LOCKWASHER, 1/2"	

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In view of the new enterprise, wherever in this publication reference is made to Allis-Chalmers or your Allis-Chalmers dealer, such reference is intended to identify Fiat-Allis Construction Machinery, Inc. or your Fiat-Allis dealer.

Also, for this new enterprise, a new series of 8-digit part numbers is in effect. This change is accomplished by eliminating the "check digit" wherever it may appear, and then, to this basic part number, prefixing a "7" (or "7" plus one or more zeros) to make a full 8-digit part number.

Examples:

667367	becomes 70667367
0688917-4	becomes 70688917
3060101-7	becomes 73060101

All part numbers listed herein must be changed per the above formula before ordering.

FOR NEW PART NUMBERS INTRODUCED ON THIS FICHE ISSUANCE SEE GRID L-1, L-2

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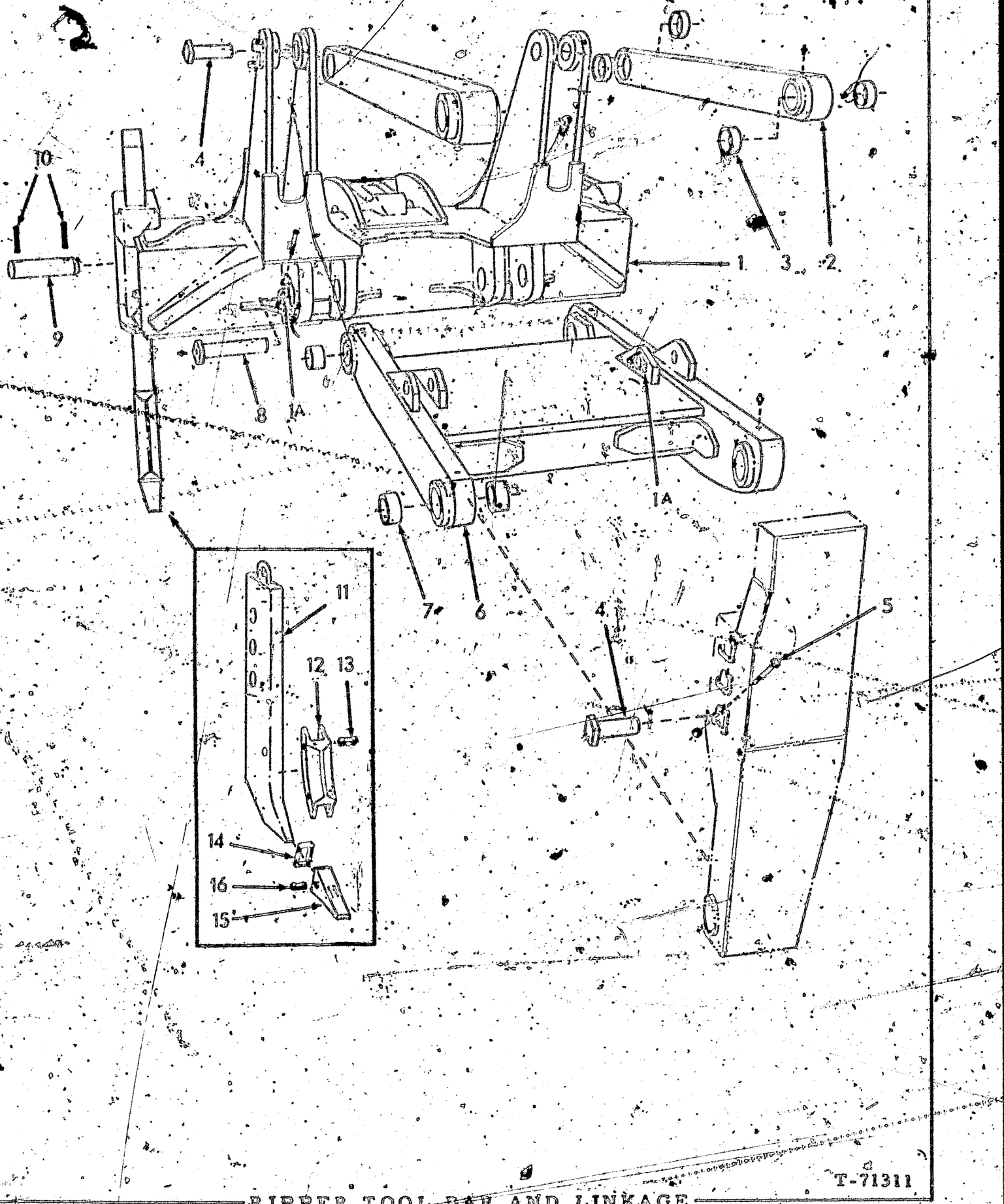
FOR NEW PART NUMBERS INTRODUCED ON THIS FICHE ISSUANCE SEE GRID L-1, L-2

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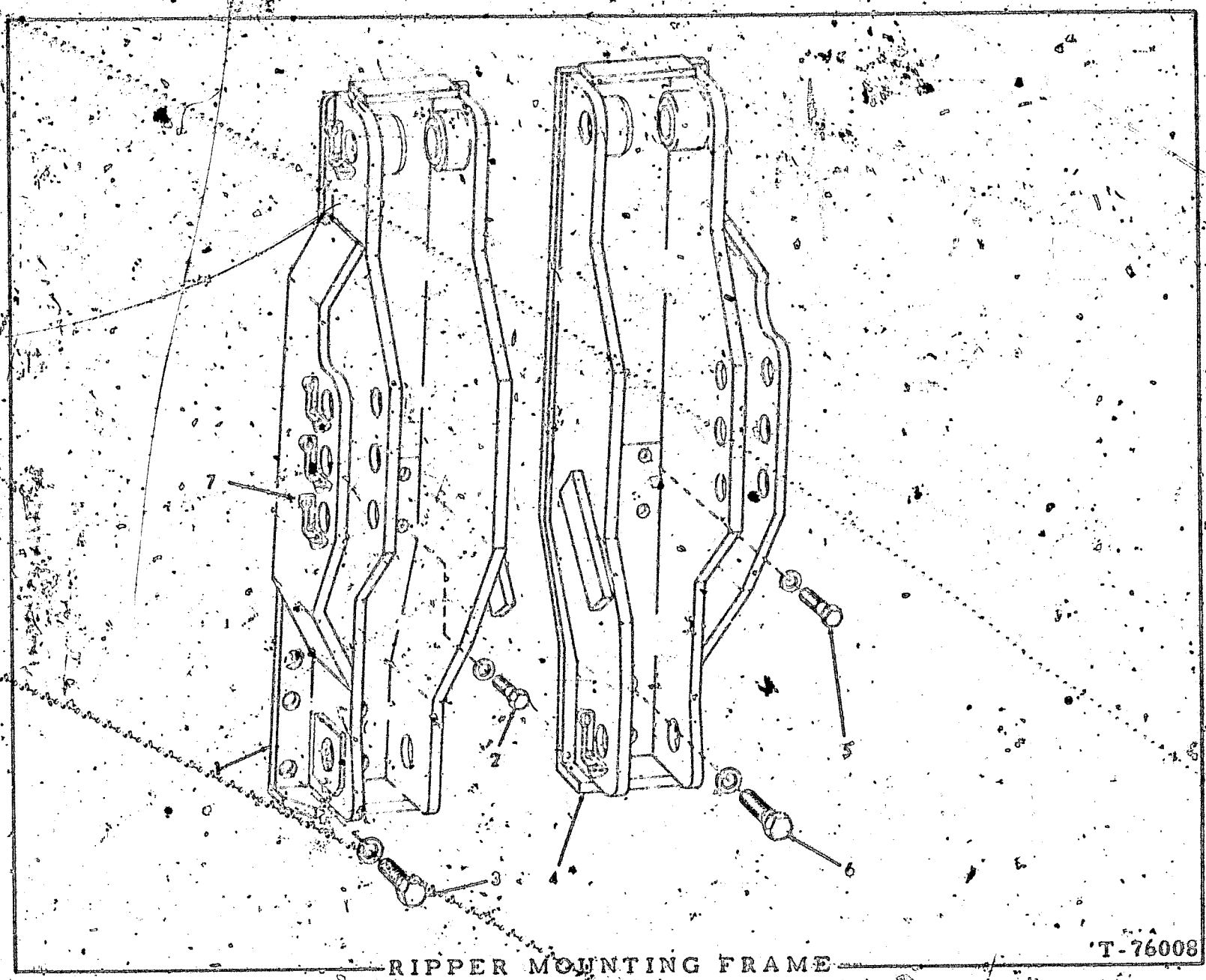


T-71311

RIPPER TOOL BAR AND LINKAGE

RIPPER TOOL BAR AND LINKAGE

ITEM	PART NO.	QTY.	DESCRIPTION
1	70663297	1	BAR ASSY., tool (Includes item 1A)
1A	70647808	6	STOP, pin (Requires welding to install)
2	70663104	2	STRUT ASSY. (Includes item 3)
	70915274	4	FITTING, lubricating, 45°, 1/8" NPT
3	70663111	8	BUSHING
4	70662985	4	PIN
5	70927181	8	CAPSCREW, 5/8"-NC x 7"
	70914501	8	NUT, elastic stop, 5/8"-NC
6	70663284	1	BEAM ASSY. (Includes items 1A and 7)
7	70663281	8	BUSHING
8	70662998	4	PIN
	70915274	4	FITTING, lubricating, 45°, 1/8" NPT
9	70662978	3	PIN
10	70670760	6	PIN
11	70662965	3	SHANK ASSY. (Includes items 12 thru 16)
12	70663655	3	PLATE
13	70663656	6	PIN
14	70663657	3	COLLAR
15	70663659	3	TOOTH (Standard, 15-7/16" long)
	70681741	3	TOOTH (Optional 14-9/16" long)
16	70663658	3	PIN
17	70684220	1	SHANK REPAIR KIT (Includes necessary material and instructions to repair one (1) worn or damaged SHANK) (Not illustrated)



T-76008

RIPPER MOUNTING FRAME

ITEM	PART NO.	QTY.	DESCRIPTION
1	70663159	1	FRAME ASSY., left (Includes item 7)
2	70669426	4	CAPSCREW, 1-1/2"NF x 3-1/4"
3	70634076	5	CAPSCREW, 1-3/4"NF x 4-1/4"
4	70663160	1	FRAME ASSY., right (Includes item 7)
5	70669426	4	CAPSCREW, 1-1/2"NF x 3-1/4"
6	70634076	5	CAPSCREW, 1-3/4"NF x 4-1/4"
7	70647808	6	STOP, pin (Requires welding to install)

NOTICE

Allis-Chalmers Corporation and Fiat S. P. A. entered into a joint venture agreement to combine their manufacture, sale and service of construction machinery products throughout the world after January 1, 1974.

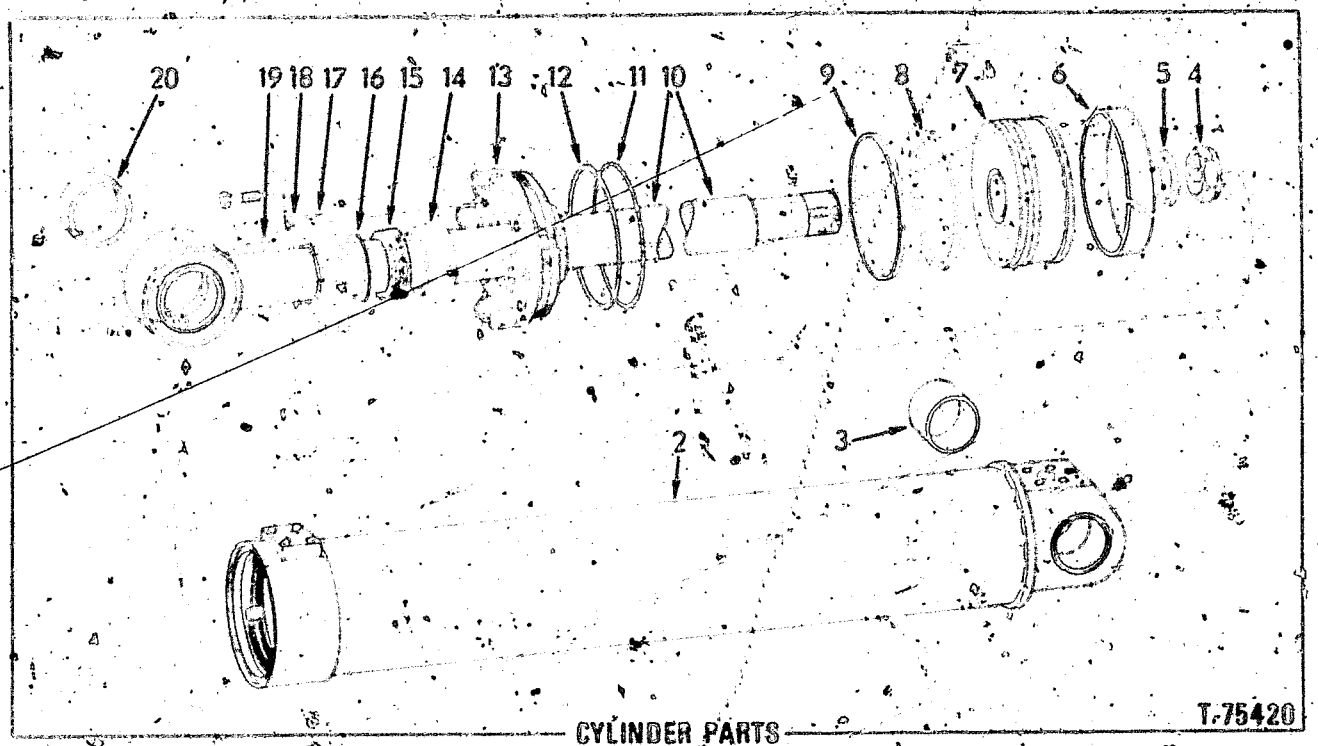
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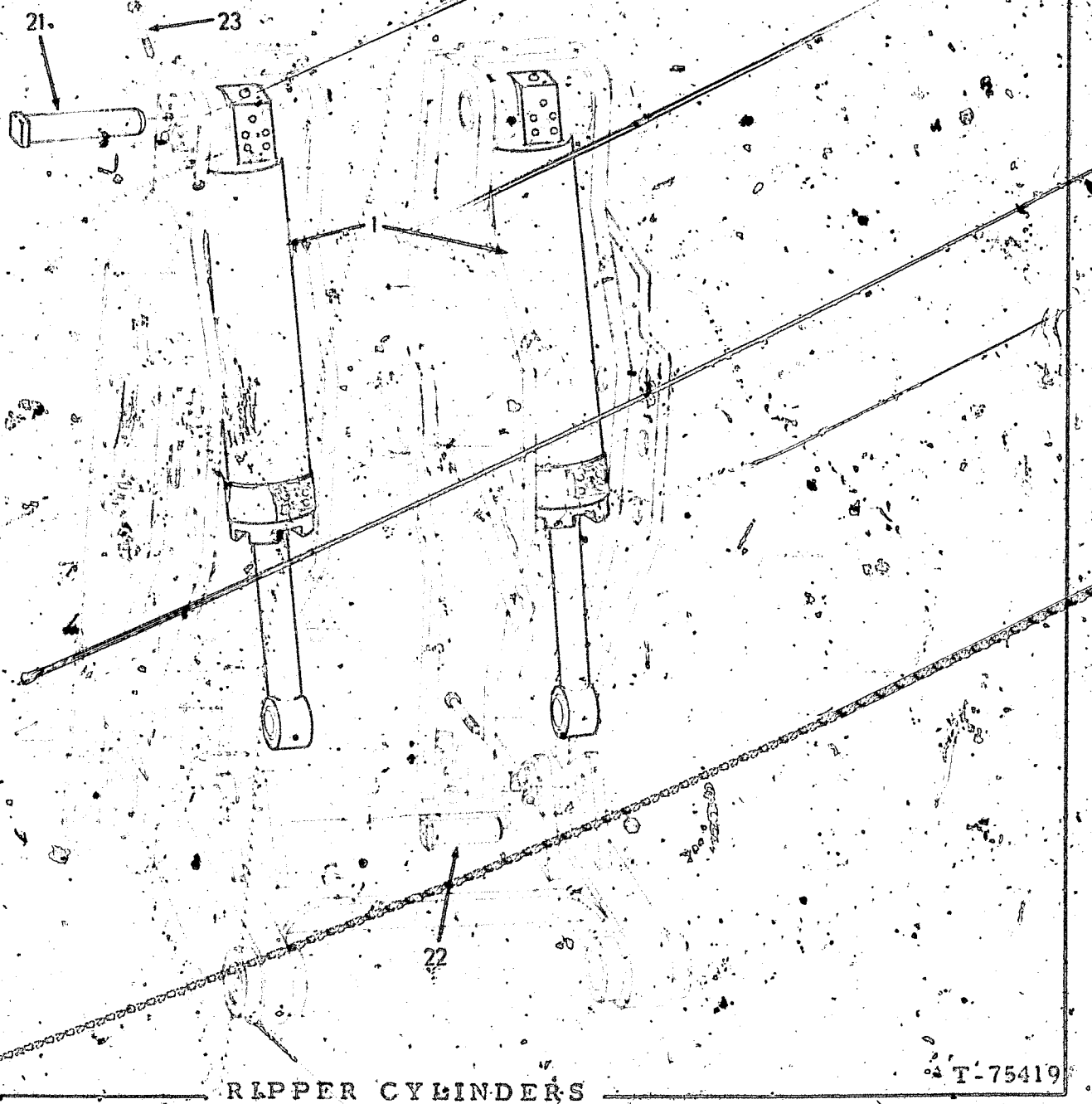
Examples:

667367 becomes 70667367
0688917-4 becomes 70688917
3060101-7 becomes 73060101

All part numbers listed herein must be changed per the above formula before ordering.



CYLINDER PARTS T-75420



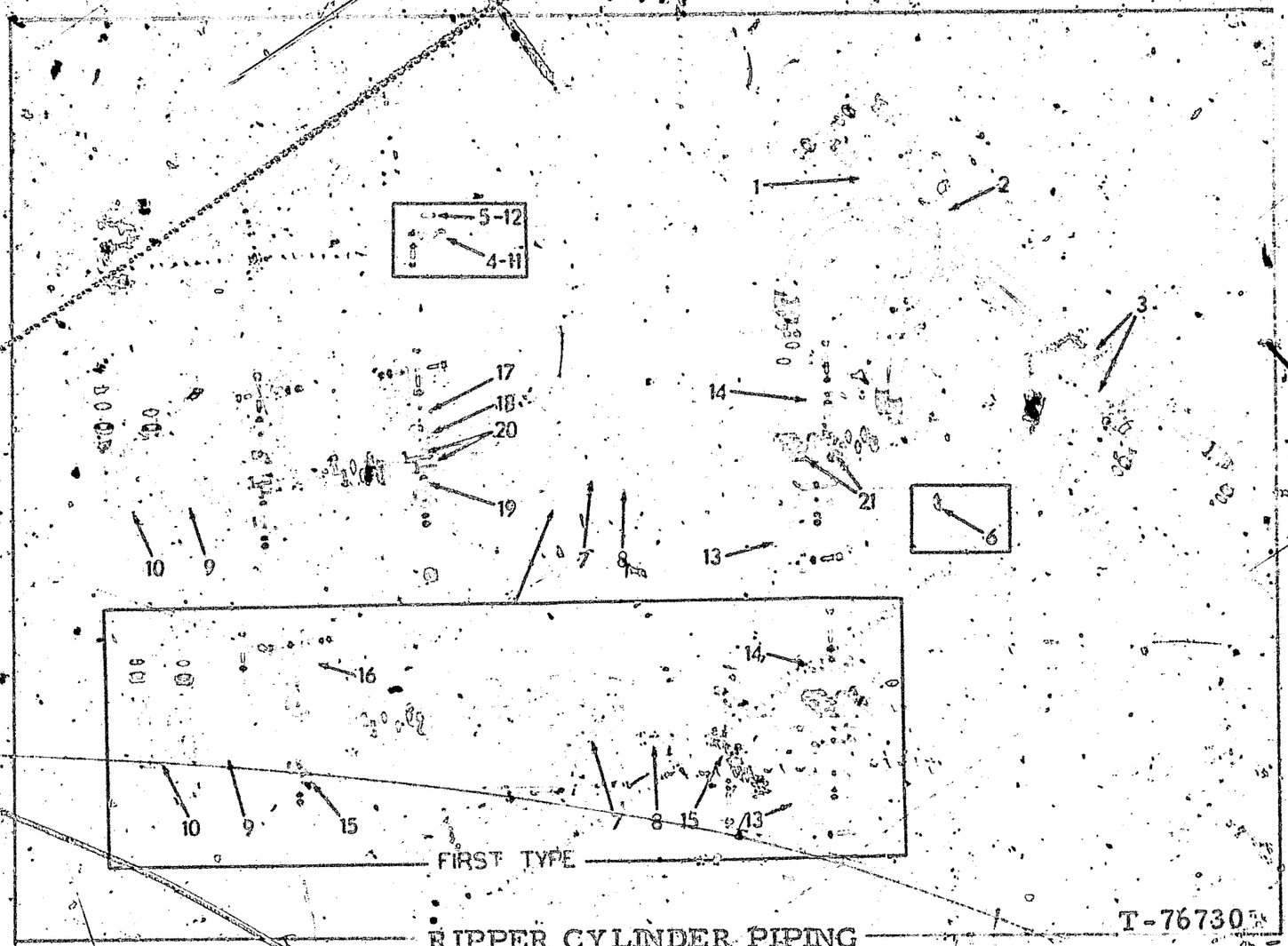
RIPPER CYLINDERS T-75419

RIPPER CYLINDERS

ITEM	PART NO.	QTY.	DESCRIPTION
1	73050796	2	CYLINDER ASSY. (Includes items 2 thru 24)
2	73052471	2	CYLINDER ASSY. (Includes items 3 thru 24)
3	73068196	4	BUSHING, cylinder
4	70926902	2	NUT, piston rod (2-3/4" across flats)(First type)
	73073214	2	NUT, piston rod (3-1/8" across flats)(Second type)
5	73054408	2	SPACER, piston rod nut
6	73052992	2	□RING, piston wear
7	73059240	2	PISTON (Also order Second type piston rod nut)
8	70926820	2	□RING, piston sealing (inner)
9	73052994	2	□RING, piston sealing (outer)
10	73052468	2	ROD ASSY., piston (Includes item 20)(Refer to item 25)
	70914465	2	FITTING, lubricating, 1/8 NPT
11	70923596	2	□O-RING, cylinder head
12	70926715	2	□RING, back-up, cylinder head o-ring
13	73052093	2	HEAD, cylinder (Early units)
	73052199	2	HEAD, cylinder (Late units)
14	73054072	2	BUSHING, piston rod (Early units)
15	73054073	2	□PACKING SET, piston rod
16	73054487	2	WASHER, piston rod packing (Early units)
17	73054488	8	□SHIM
18	73052093	2	PLATE, packing retaining (Early units)
	73054359	2	PLATE, packing retaining (Late units)
	70915987	8	CAPSCREW, 1/2"NC x 1-1/2"
	70904208	8	LOCKWASHER, 1/2"
19	73052942	2	□WIPER, piston rod
20	73050797	4	BUSHING, piston rod end
21	70669722	2	PIN, cylinder pivot, upper
22	70648173	2	PIN, cylinder pivot, lower
23	70927181	6	CAPSCREW, pin retaining (5/8" NC x 7")
	70914501	4	NUT, elastic stop, 5/8 NC
24	73056486	2	REPAIR KIT, cylinder (Includes parts for one (1) cylinder) (Not illustrated)
25	73068494	2	REPAIR KIT (Includes ROD HEAD, BUSHING and Instruction sufficient to repair one ROD ASSY.

□Components of item 24

(Revised June 1979)



T-76730

RIPPER CYLINDER PIPING

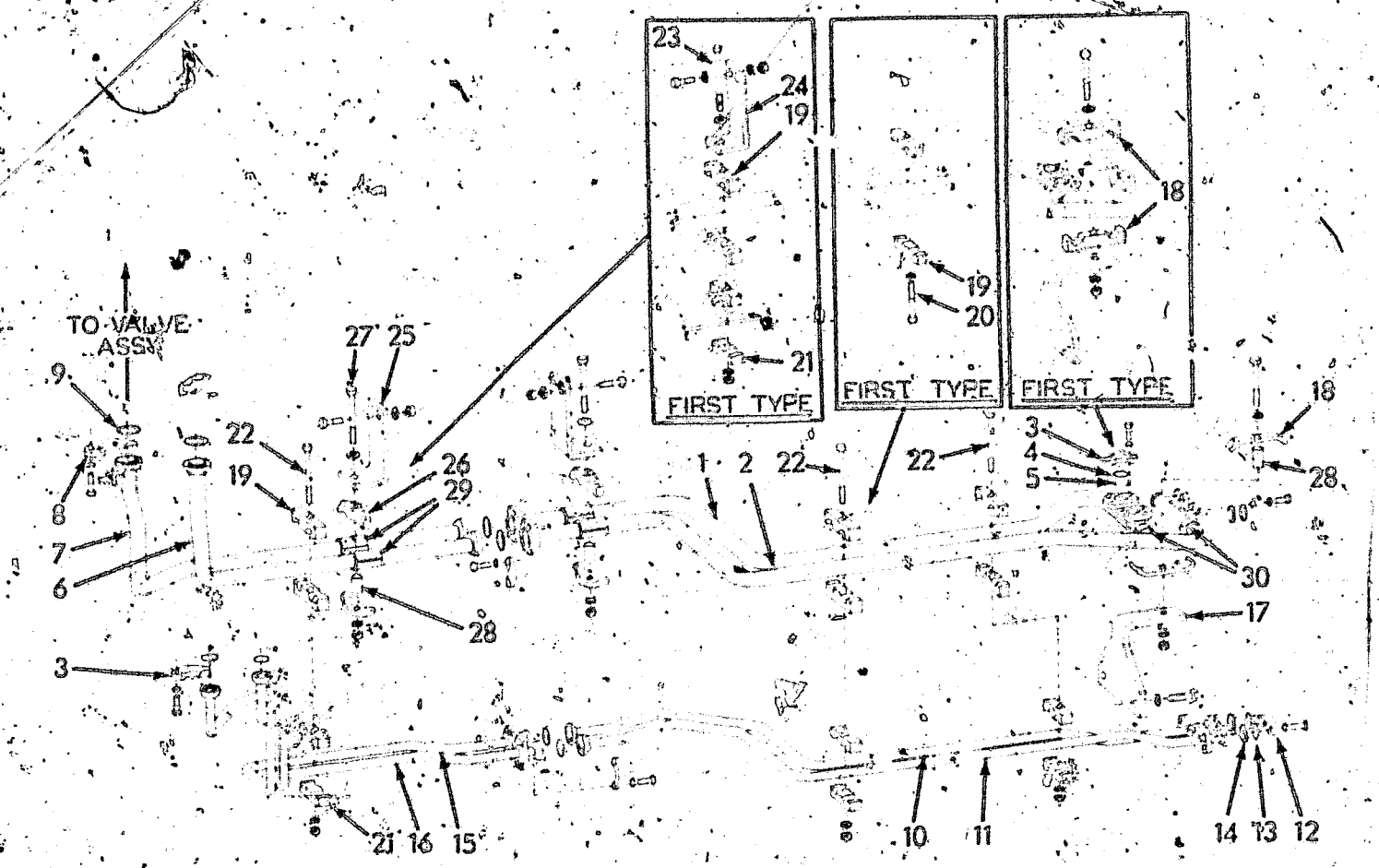
USAGE: 41R Ripper Only. Used prior to approximately March 1972.

ITEM	PART NO.	QTY.	DESCRIPTION
1	70663697	1	HOSE, right cylinder } See HOSE PARTS
2	70670376	1	HOSE, left cylinder } See HOSE PARTS
3	70670117	2	HOSE
4	70921116	20	FLANGE
	70916272	40	CAPSCREW, 3/8"NF x 1-1/4"
	70904206	40	LOCKWASHER, 3/8"
5	70931753	10	O-RING
6	70672172	4	PLUG, closure (Used only when cylinder lines are disconnected)
7	70663694	1	TUBE
	70921467	1	CAP, flare fitting, 1/4" tube
8	70663695	1	TUBE
	70921467	1	CAP, flare fitting, 1/4" tube
9	70663693	1	TUBE
10	70663692	1	TUBE

(Continued)

RIPPER CYLINDER PIPING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
11	70921117	4	FLANGE	
	70916191	8	CAPSCREW, 7/16"NC x 1-1/2"	
	70904207	8	LOCKWASHER, 7/16"	
12	70925919	2	O-RING	
13	70671973	1	BRACKET	
	70921172	2	CAPSCREW, Nylok, 5/8"NC x 2"	
	70912942	2	LOCKWASHER, 5/8"	
14	70665632	2	CLAMP(Tractors prior to unit #01472)	
	70679519	2	CLAMP(Tractors unit #01472 and up)	
	70924843	1	CAPSCREW, 3/8"NC x 3-1/4"	
	70044973	1	WASHER, plain	
	70910287	1	LOCKWASHER, 3/8"	
	70911026	1	NUT, 3/8"NC	
15	70656218	4	CLAMP	Tractors prior to #01472
	70915969	1	CAPSCREW, 1/2"NC x 3"	
	70910244	1	WASHER, plain, SAE std., 1/2"	
	70904208	1	LOCKWASHER, 1/2"	
	70916318	1	CAPSCREW, 1/2"NC x 3-1/4"	
	70064531	1	WASHER, plain	
	70904208	1	LOCKWASHER, 1/2"	
	70911028	1	NUT, 1/2"NC	
16	70663698	1	ANGLE	
	70921565	2	CAPSCREW, 3/8"NC x 1-1/2"	
	70677006	2	WASHER, plain	
	70904206	2	LOCKWASHER, 3/8"	
	70911026	2	NUT, 3/8"NC	
17	70679515	2	ANGLE	Tractors unit #01472 and up
	70921565	4	CAPSCREW, 3/8"NC x 1-1/2"	
	70677006	4	WASHER, plain	
	70911026	4	NUT, 3/8"NC	
18	70619966	4	CLAMP	
	70921567	2	CAPSCREW, 1/2"NC x 4"	
	70677008	2	WASHER, plain	
	70912441	2	LOCKWASHER, 1/2"	
	70911028	2	NUT, 1/2"NC	
19	70613231	3	BLOCK	
20	70670217	4	BOOT	
21	70679474	2	BOOT	



T-76726

RIPPER PIPING

USAGE: Units equipped with optional "Kelley" Ripper (Special equipment)(Tractors prior to serial No. 99A02439

ITEM	PART NO.	QTY.	DESCRIPTION
1	70663694	1	TUBE
	70921467	1	CAP, flare fitting, 1/4" tube
2	70663695	1	TUBE
	70921467	1	CAP, flare fitting, 1/4" tube
3	70921116	16	FLANGE
	70916272	32	CAPSCREW, 3/8"NF x 1-1/4"
	70904206	32	LOCKWASHER, 3/8"
4	70931753	8	O-RING
5	70672172	4	PLUG
6	70663692	1	TUBE
7	70663693	1	TUBE
8	70921117	4	FLANGE
	70916191	8	CAPSCREW, 7/16"NC x 1-1/2"
	70904207	8	LOCKWASHER, 7/16"
9	70924192	2	O-RING
10	70668454	1	TUBE
11	70667453	1	TUBE

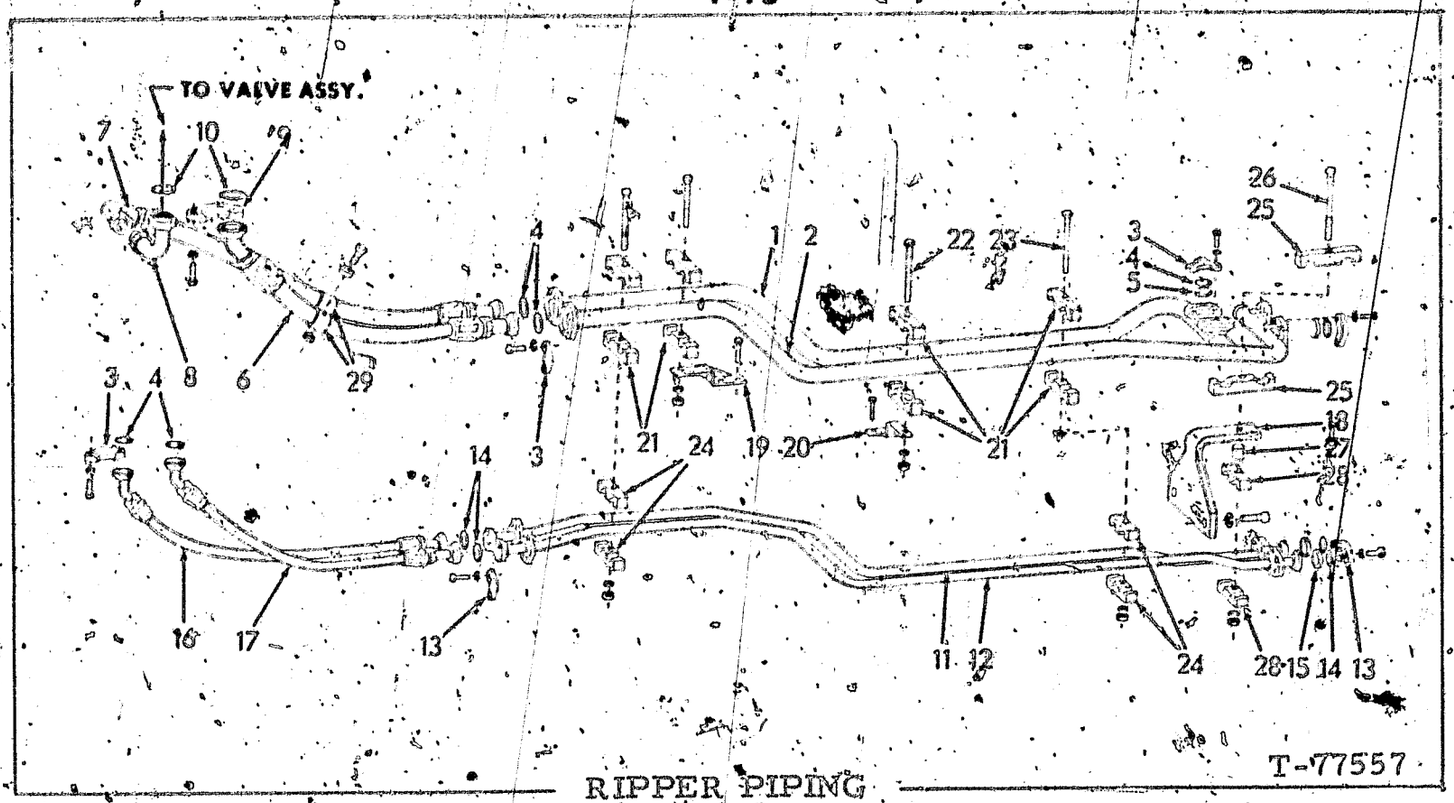
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RIPPER PIPING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
12	70921115	8	FLANGE
	70916272	16	CAPSCREW, 3/8"NF x 1-1/4"
	70904206	16	LOCKWASHER, 3/8"
13	70931857	4	O-RING
14	70666575	2	PLUG
15	70668445	1	TUBE
16	70668443	1	TUBE
17	70671973	1	BRACKET, tube supporting
	70921172	2	CAPSCREW, Nylok, 5/8"NC x 2"
	70912942	2	LOCKWASHER, 5/8"
18	70665632	2	CLAMP (First type)
	70679519	2	CLAMP (Second type)
	70924843	1	CAPSCREW, 3/8"NC x 3-1/4"
	7044973	1	WASHER, plain
	70910287	1	LOCKWASHER, 3/8"
	70911026	1	NUT, 3/8"NC
19	70656218	6	CLAMP
20	70916319	1	CAPSCREW, 1/2"NC x 3-1/2"
	70904208	1	LOCKWASHER, 1/2"
21	70668451	6	CLAMP(2 less used with First type clamping arrangement)
22	70919294	3	CAPSCREW, 1/2"NC x 4-1/4"
23	70919232	1	CAPSCREW, 1/2"NC x 4-3/4"
	70677008	1	WASHER, plain
	70912441	3	LOCKWASHER, 1/2"
	70911028	3	NUT, 1/2"NC
24	70663698	1	ANGLE (First type)
	70921565	2	CAPSCREW, 3/8"NC x 1-1/2"
	70677006	2	WASHER, plain
	70904206	2	LOCKWASHER, 3/8"
	70911206	2	NUT, 3/8"NC
25	70679515	2	ANGLE
	70921565	4	CAPSCREW, 3/8"NC x 1-1/2"
	70677006	4	WASHER, plain
	70911026	4	NUT, 3/8"NC
26	70619966	4	CLAMP
27	70921567	2	CAPSCREW, 1/2"NC x 4"
	70677008	2	WASHER, plain
	70912441	2	LOCKWASHER, 1/2"
	70911028	2	NUT, 1/2" NC
28	70613231	3	BLOCK
29	70670217	4	BOOT
30	70679474	2	BOOT

Second type

(Revised June 1979)



RIPPER PIPING

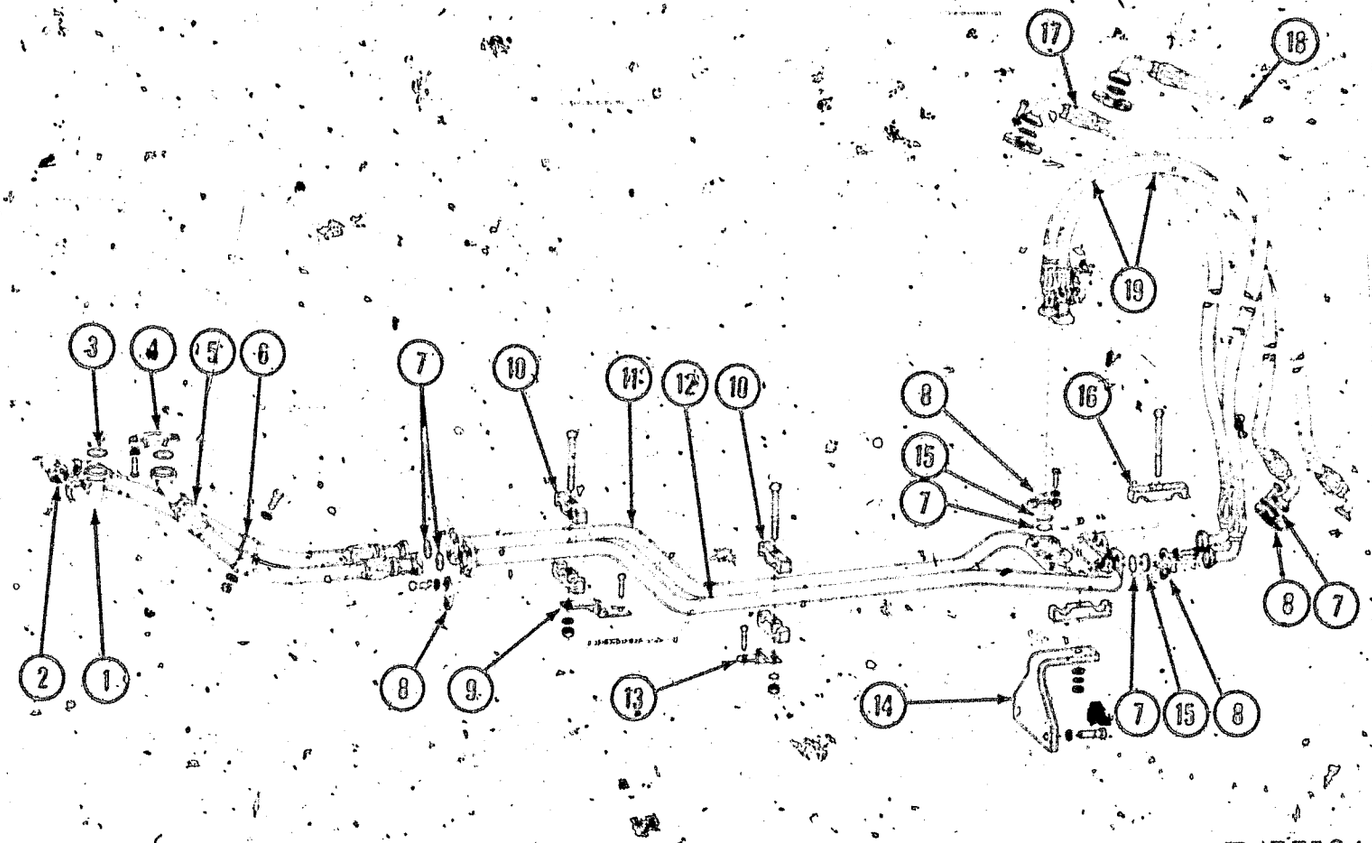
USAGE: "Kelley Ripper" Tractors serial No. 99A02439 and up

ITEM	PART NO.	QTY.	DESCRIPTION
1	70682547	1	TUBE
	70921467	1	CAP, flare fitting, 1/4" tube
2	70682546	1	TUBE
	70921467	1	CAP, flare fitting, 1/4" tube
3	70921116	16	FLANGE
	70921076	32	CAPSCREW, 3/8"NC x 1-1/4"
	70910287	32	LOCKWASHER, 3/8"
4	70931753	8	O-RING
5	70672172	4	PLUG
6	70681736	1	HOSE
7	70681735	1	HOSE
8	70681734	1	TUBE
9	70921117	4	FLANGE
	70923192	8	CAPSCREW, 7/16"NC x 1-1/2"
	70914678	8	LOCKWASHER, 7/16"
10	70926919	2	O-RING
11	70681739	1	TUBE
12	70681740	1	TUBE
13	70921115	8	FLANGE
	70921076	16	CAPSCREW, 3/8"NC x 1-1/4"
	70910287	16	LOCKWASHER, 3/8"

(Continued)

RIPPER PIPING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
14	70931857	4	O-RING
15	70666575	2	PLUG
16	70681738	1	HOSE
17	70681737	1	HOSE
18	70671973	1	BRACKET, tube supporting
	70921172	2	CAPSCREW, Nylok, 5/8"NC x 2"
	70912942	2	LOCKWASHER, 5/8"
19	70681733	1	BRACKET
	70921598	2	CAPSCREW, 1/2"NC x 3"
20	70681730	1	BRACKET
	70921598	2	CAPSCREW, 1/2"NC x 3"
21	70681550	8	CLAMP
22	70926156	2	CAPSCREW, 1/2"NC x 3-1/4"
23	70925889	2	CAPSCREW, 1/2"NC x 4-1/2"
	70677008	2	WASHER
	70912441	2	LOCKWASHER, 1/2"
	70911028	4	NUT, 1/2"NC
24	70668451	4	CLAMP
25	70665632	2	CLAMP
26	70929708	1	CAPSCREW, 3/8"NC x 6"
	70910287	1	LOCKWASHER, 3/8"
	70911026	1	NUT, 3/8"NC
27	70097413	1	BLOCK
28	70681723	2	CLAMP
29	70927596	2	CLAMP
	70920583	1	CAPSCREW, 1/2"NC x 1-1/2"
	70677008	2	WASHER
	70911028	1	NUT, 1/2"NC



RIPPER CYLINDER PIPING

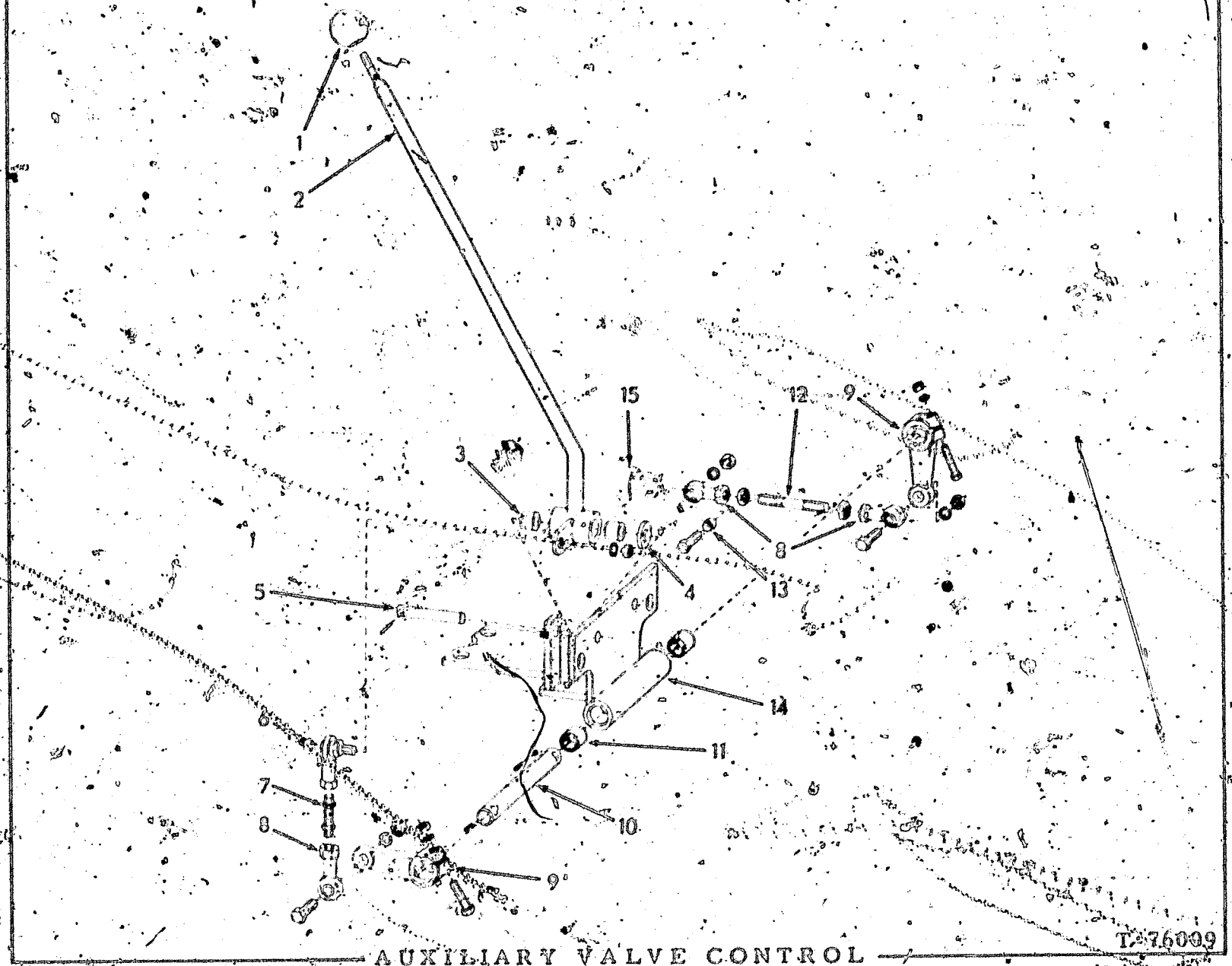
USAGE: 41R Ripper only. Effective approx. March 1972

ITEM	PART NO.	QTY.	DESCRIPTION
1	70681734	1	TUBE
2	70681735	1	HOSE
3	70925919	2	O-RING
4	70921117	4	FLANGE
	70923192	8	CAPSCREW, 7/16"NC x 1-1/2"
	70914678	8	LOCKWASHER, 7/16"
5	70681736	1	HOSE
6	70627596	2	CLIP
	70920583	1	CAPSCREW, 1/2"NC x 1-1/2"
	70677008	2	WASHER, plain
	70911028	1	NUT, 1/2"NC
7	70931753	10	O-RING

(Continued)

RIPPER CYLINDER PIPING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
8	70921116	20	FLANGE
	70921076	40	CAPSCREW, 3/8"NC x 1-1/4"
	70910287	40	LOCKWASHER, 3/8"
9	70681733	1	BRACKET
	70921598	2	CAPSCREW, 1/2"NC x 3"
10	70681550	4	CLAMP
	70926156	2	CAPSCREW, 1/2"NC x 3-1/4"
	70677008	2	WASHER
	70911028	2	NUT, 1/2"NC
11	70682547	1	TUBE
	70921467	1	CAP, flare fitting, 1/4" tube
12	70682546	1	TUBE
	70921467	1	CAP, flare fitting, 1/4" tube
13	70681730	1	BRACKET
	70921598	2	CAPSCREW, 1/2"NC x 3"
14	70671973	1	BRACKET
	70921172	2	CAPSCREW, 5/8"NC x 2-1/2"
	70912942	2	LOCKWASHER, 5/8"
15	70672172	4	PLUG (Used only when cylinder lines are disconnected)
16	70665632	2	CLAMP
	70924843	1	CAPSCREW, 3/8"NC x 3-1/2"
	70677006	1	WASHER
	70910287	1	LOCKWASHER, 3/8"
	70911026	1	NUT, 3/8"NC
17	70663697	1	HOSE, right cylinder } See HOSE PARTS
18	70670376	1	HOSE, left cylinder } See HOSE PARTS
19	70670117	2	HOSE



AUXILIARY VALVE CONTROL

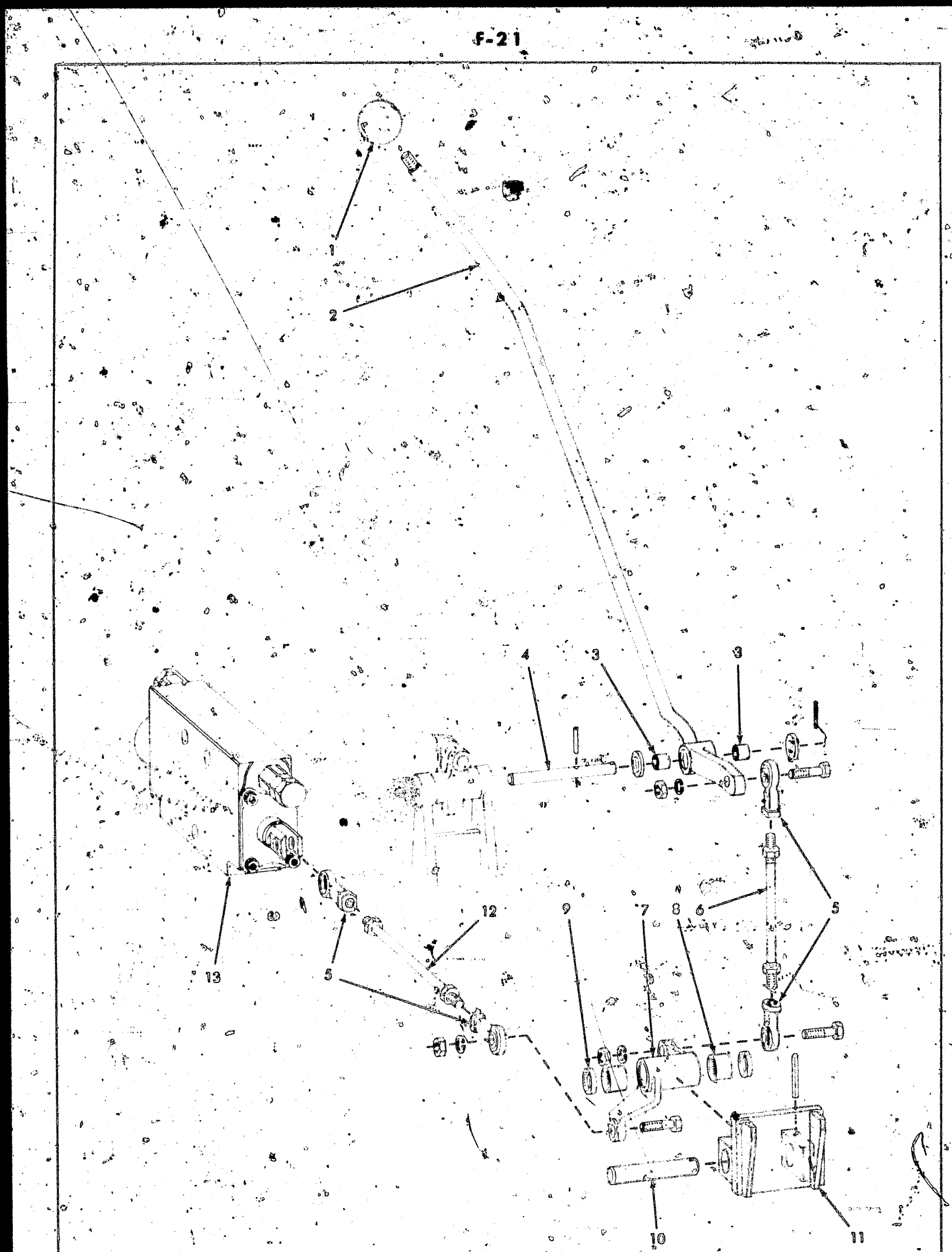
USAGE: Units equipped with ripper or other allied equipment. See D-15 for basic dozer controls.

ITEM	PART NO.	QTY.	DESCRIPTION
1	70090020	1	KNOB
2	70663699	1	LEVER
3	70655215	2	BEARING
4	70913546	2	WASHER (Use as required)
5	70666825	1	PIN
	70915751	1	PIN, spring, 3/16" x 1-1/2"
6	70653570	1	END ASSY. (Includes stud)
	70910287	1	LOCKWASHER, 3/8"
	70911041	1	NUT, 3/8"NF
7	70653026	1	STUD
	70911041	2	NUT, 3/8"NF

(Continued)

AUXILIARY VALVE CONTROL (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
8	70617932	3	END
	70922287	3	CAPSCREW, 3/8" NC x 1-3/4"
	70910287	3	LOCKWASHER, 3/8"
	70911026	3	NUT, 3/8" NC
9	70625561	2	LEVER
	70922287	2	CAPSCREW, 3/8" NC x 1-3/4"
	70910287	2	LOCKWASHER, 3/8"
	70911026	2	NUT, 3/8" NC
10	70666826	1	SHAFT
	70905122	2	KEY
11	70653319	2	BEARING
12	70666823	1	ROD
	70911041	2	NUT, 3/8" NF
13	70666829	1	SLEEVE
14	70666764	1	BRACKET
	70920582	4	CAPSCREW, 1/2" NC x 1-1/4"
	70920583	4	CAPSCREW, 1/2" NC x 1-1/2"
	70677008	4	WASHER, plain
15	-------	1	VALVE ASSY. (See E-15)



AUXILIARY VALVE CONTROL T-26727

AUXILIARY VALVE CONTROL

USAGE: Units equipped with Kelley Ripper

ITEM	PART NO.	QTY.	DESCRIPTION
1	70690020	1	KNOB
2	70668476	1	LEVER, operating
3	70655215	2	BEARING
4	70668487	1	SHAFT (Replaces dozer valve control shaft)
	70910244		WASHER, plain (Use as required)
	70915797	2	PIN, spring, 3/16" x 1-1/4"
5	70617932	4	END, rod
	70921[illegible]	4	CAPSCREW, 3/8" NC x 1-1/2"
	70910287	4	LOCKWASHER, 3/8"
	70911026	4	NUT, 3/8" NC
6	70611967	1	ROD, vertical
	70911041	2	NUT, 3/8 NF
7	70668460	1	BELLCRANK
8	70208253	2	BEARING
9	70952662	2	SEAL
10	70668458	1	SHAFT
	70915797	1	PIN, spring, 3/16" x 1-1/4"
11	70668457	1	BRACKET (Requires welding to install)
12	70663914	1	ROD, horizontal
	70911041	2	NUT, 3/8 NF
13	--------	1	VALVE ASSY. (See E-15

FOR NEW PART NUMBERS INTRODUCED ON THIS FICHE ISSUANCE SEE GRID L-1, L-2

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Brake Drum	1 G-14
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FOR NEW PART NUMBERS INTRODUCED ON THIS FICHE ISSUANGE SEE GRID L-1, L-2

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Shift Inhibiting	1 F-18
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Vandalism Prevention Parts	2 C-7

PAINTING AND MARKING
(Not Illustrated)

ITEM	PART NO.	QTY.	DESCRIPTION
			NOTE: Approximately 30 gallons paint required for spraying
1	70025100	-	ENAMEL, yellow, quart can.
2	70025108	-	ENAMEL, yellow, gallon can
3	70025108	-	ENAMEL, yellow, 42-pz. pressurized spray-type can.
			NOTE: All plates and transfers listed below are English language printings unless otherwise indicated.
4	70[illegible]612	1	PLATE, lubrication and service guide (2-3/4" x 4-1/2") Attached to left battery box cover or right side of seat support
5	70672164	1	PLATE, lubrication and service guide (multi-language) (7-3/4" x 12") Attached to left battery box cover or right side of seat support
6	[illegible]70	4	SCREW, thd-cutting, cross-recessed-hd, [illegible] x 1/2"
7	[illegible]0[illegible]38	1	PLATE, instruction, engine and steering (1-1/2" x 4-7/8") (Attached to top of steering lever guide)
8	[illegible]3807	6	SCREW, thd-cutting, cross-recessed-hd, [illegible] x 1/2"
9	70666427	1	TRANSFER, instruction, engine operation (2-1/4" x 8-1/2") (Applied to cowl)
10	70664001	1	TRANSFER, instruction, hydraulic oil filter (3" x 11") (Applied to hydraulic tank cover)
11	70682127	24	TRANSFER, instruction, steering pressure line and transmission oil filter (1-3/4" x 2-1/4") (Applied to filters)
12	70668718	1	TRANSFER, instruction, air cleaner (3" x 5") (Applied to cleaner air inlet tube)
13	70662693	1	TRANSFER, warning, turbocharger altitude (1-3/4" x 3-1/2") (Applied to left battery box or, right side of seat support)
14	70659539	2	TRANSFER, warning, by-pass oil filter (Includes Portuguese translation, 2" x 10") (Applied to FILTER ASSY. 743[illegible]593)
15	70659538	2	TRANSFER, warning, by-pass oil filter (French and Spanish) translations, 2" x 10") (Applied to FILTER ASSY. 743[illegible]593)
16	70629205	1	TRANSFER, warning, power steering and brakes (1-3/4" x 3-1/2") (Applied to cowl)
17	70679141	1	TRANSFER, warning, emergency brake (1-3/4" x 3-1/2") (Applied to cowl)
18	70682606	1	TRANSFER, warning, seat belt (2" x 3") (Applied to cowl)
19	70681208	1	TRANSFER, warning, stall speed (3/4" x 2-5/8") (Applied to right side (rear) of engine block)
20	73109147	1	TRANSFER, warning, quick fueling (1-1/2" x 4") (Applied to fuel tank)
21	70679503	1	TRANSFER, warning, "Kelley" ripper (1-1/8" x 3-1/4")
22	70694436	1	TRANSFER, "FIAT-ALLIS" (3" x 19-1/4") (Applied to front of radiator guard)
23	70694437	2	TRANSFER, "FIAT-ALLIS" (3-1/2" x 22-1/2") (Applied to sides of hood)
24	70694438	1	TRANSFER, "FIAT-ALLIS" (4-1/2" x 24") (Applied to rear of fuel tank)

(Continued)

PAINTING AND MARKING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
21	700[illegible]4425	1	□TRANSFER, "T-A", (reclaimers [illegible] (Applied to rear of fuel tank when ripper is [illegible])
22	700[illegible]4424	2	□TRANSFER, "F-A", (reclaimers [illegible] (Applied to [illegible] of radiator guard)
23	700[illegible]4421	2	□TRANSFER, HID-41 (Applied to sides of [illegible]
24	700[illegible]4420	1	TRANSFER, "ALLIS-CHALMERS" (1-[illegible] (Applied to front of radiator guard)
25	700[illegible]4423	2	TRANSFER, "ALLIS-CHALMERS" [illegible] (Applied to sides of hood)
26	700[illegible]4426	1	TRANSFER, "ALLIS-CHALMERS" [illegible] (Applied to rear of fuel tank) (Discontinued on [illegible] with [illegible])
27	700[illegible]4427	1	TRANSFER, tractor [illegible] /4", orange and [illegible] (Applied to sides of radiator guard (additional required for [illegible] fuel tank [illegible] with RIPPER)
28	----------	1	TRANSFER, warning, ROPS (2-1/2" x [illegible] (Applied to front of ROPS Frame and Cab)
29	700[illegible]4428	1	KIT, transfer (Includes items [illegible] thru [illegible]
30	731078[illegible]0	1	DECAL, warning, scissors point (1-1/2" x 2-1/4" (Applied to tool bar linkage)

□ Indicates components of item 2

NOTICE

Allis-Chalmers Corporation and Fiat S.p.A. entered into a joint venture agreement to combine their manufacture, sale and service of construction machinery products throughout the world after January 1, 1974.

In view of the new enterprise, wherever in this publication reference is made to Allis-Chalmers or your Allis-Chalmers dealer, such reference is intended to identify Fiat-Allis Construction Machinery, Inc. or your Fiat-Allis dealer.

Also, for this new enterprise, a new series of 8-digit part numbers is in effect. This change is accomplished by eliminating the "check digit" wherever it may appear, and then, to this basic part number, prefixing a "7" (or "7" plus one or more zeros) to make a full 8-digit part number.

Examples:

667367	becomes 70667367
0688917-4	becomes 70688917
3060101-7	becomes 73060101

All part numbers listed herein must be changed per the above formula before ordering.

NEW OR REPLACEMENT PART NOS. ISSUED IN 6-79 UPDATE

70035250...1G-16
70664149...2D-11
70664150...2D-11
70667252...1G-16
70668387...2D-11
70696026...1 I-4
70696608...1G-16
70697814...1K-9
70921235...1K-9
70925919...2F-17
70928838...1G-16
70931753...2F-17
70668394...2D-11
70931857...2F-14
73069494...2D-12
73069495...2D-11
73073214...2D-9
73073269...2D-3
73109108...1G-16
73110369...2D-11
73112943...2C-15
73116456...2D-11
73116457...2D-11
73116501...2D-11
73116502...2D-11
73116504...2D-11
73117504...1 I-6

NEW OR REPLACEMENT PART NOS. ISSUED IN 8/80 UPDATE

70655636...1H-24
70695811...1H-24
70919062...1E-18
70921569...1H-24
73107708...1H-23
73127709...1H-23
73107710...1H-23
73112569...1H-24
73113308...1G-20
73113426...1F-21
73113464...1H-24
73113465...1H-24
73113466...1H-24
73113470...1H-24
73113471...1H-24
73113472...1E-21
73113473...1H-24
73113474...1H-23
73113475...1H-24
73113476...1H-24
73115394...1G-19
73116011...1G-16
73117399...1H-23.
73117950...1G-19
73122012...2E-4