

BIG TRACTOR PARTS

Parts for **Steiger** and **Versatile** Tractors

2009 Catalog



1-800-982-1769

www.bigtractorparts.com

“Geared for the Future”

BTP is a unique business that combines Manufacturing New components with Salvaging Old tractors in order to provide Quality Components and Reman Assemblies for significantly less money. Repeat business is very important to the success of our company and we take steps to make sure that what we sell and how we sell it insures that. There is no shortage of salvage yards available, and they may even sell you a good part, which will save you money up front, but in the end you risk getting a bad part. "Remanufacturing" implies that the assemblies are not just washed and painted, instead they are completely disassembled, carefully inspected, and through strict standards these assemblies are assembled. This process often requires that we fix damaged housings, install all new bearings, and finally replace all components that would not operate as good as a new part.

Thank you for looking at our web page. Big Tractor Parts (BTP) hopes that you will find this catalog useful. For a list of current prices please call us at 1800.982.1769.

Regards,

Ben McIntyre

Co-Owner/Mgr

Contents

Spicer Transmission	1-3
Fuji powershift transmission	4
Transfer Case	5-7
Dana Axles	8/9
Clark Axles	11/12
Raba Axles	13-23
S-34/40 Axles (Including Eaton Versatile Diffs)	24/25
U-Joints & Drive Shaft Hanger Assemblies	26
Brake Components	27/28
Hydraulic Components	29
Pumps & Pump Drives	30
Steering Column & PTA CONTROLLER	31
Center Hinge	32-37
Rims	38
Versatile Shift Lever	39
Versatile Hinge Components	40



BIG TRACTOR PARTS INC.

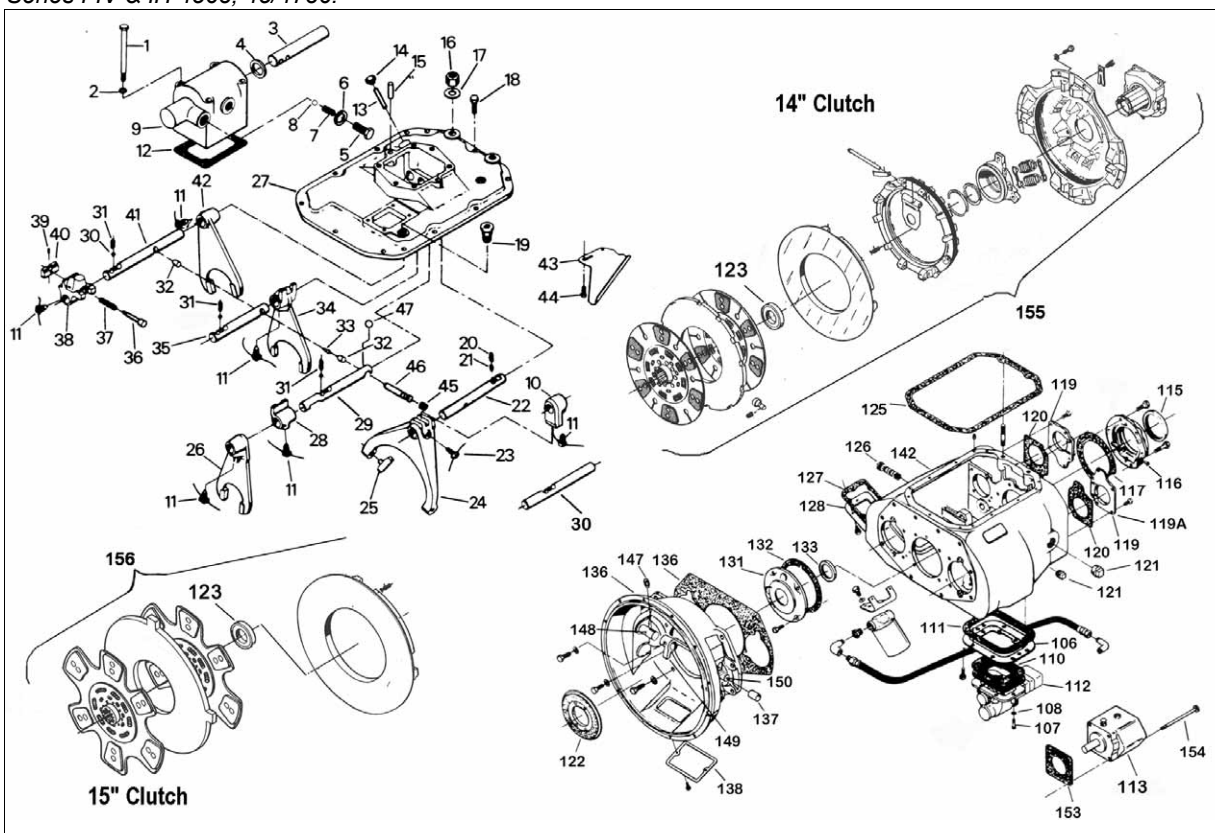
10293 Hwy 32 S
Hawley, MN 56549
ph: (800)-982-1769
Fax: (218)-937-5131

www.bigtractorparts.com
benmcintyre@bigtractorparts.com



Spicer Transmission, Cover

Series I-IV & IH 4568, 45/4786:

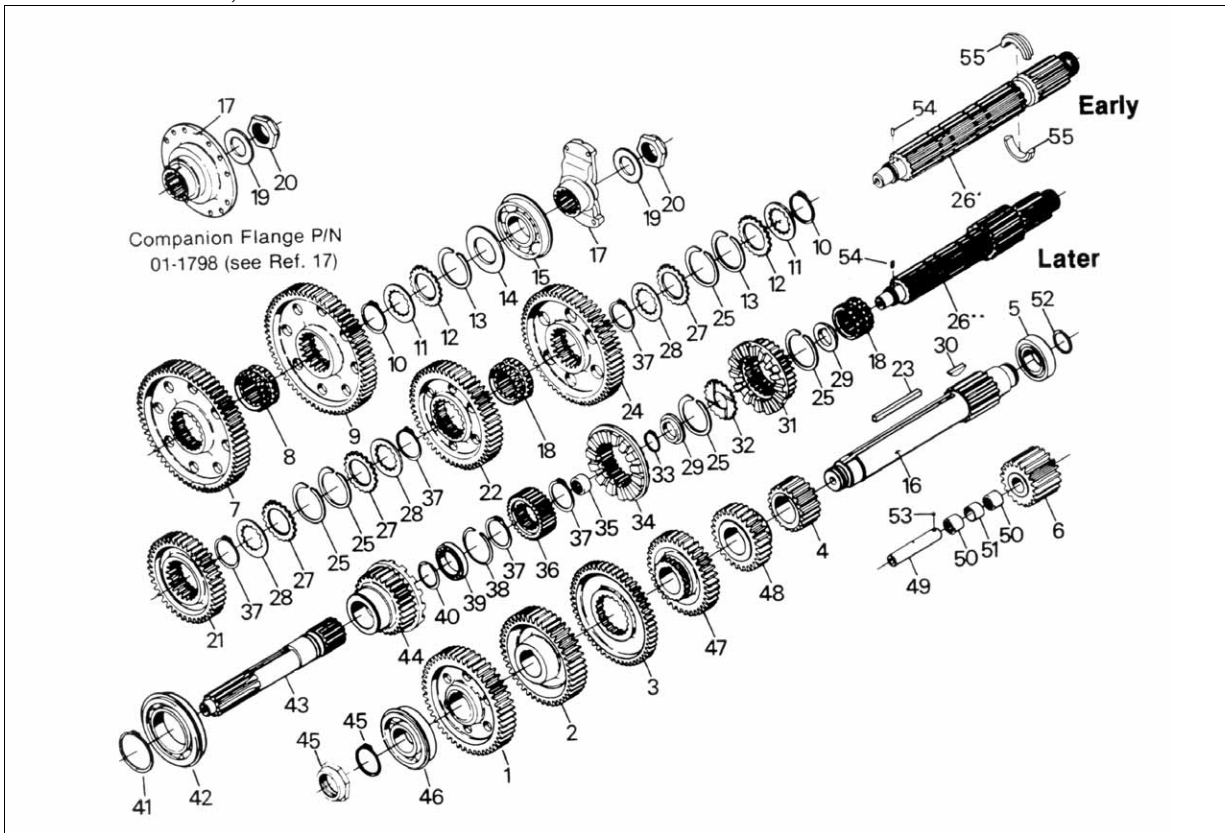


View	Part	Description
	312475-16X	Kit, Gasket
20	18-72-2	Spring, Shift Rod Stop Pin
21	97-438-5	Pin, Stop (2sp Rod)
22	97-67-5	Rod, Shift Splitter
25	97-486-1	Shoe, Shifter Fork
26	97-66-11	Fork, Shift (7/8, 9/10)
29	97-67-132-2X	Rod, Shift (7/8, 9/10, Neutral Start)
30	97-67-87-2X	Rod, Shift (7/8, 9/10)
31	97-72-11	Spring, Shift Rod Detent
34	97-66-24	Fork, Shift (3/4, 5/6)
35	97-67-86-3X	Rod, Shift (3/4, 5/6)
41	97-67-82-2X	Rod, Shift (1/2/Rev.)
42	97-66-48	Fork, Shift (1/2/Rev)
112	90-7533B	Pump Asm (Btm Mt)
113	313292-1X	Pump Asm (Rr Mt)
115	97-463-33	Seal, Rear (output)
119	97-22-10	Flange (rear mt pump)
122	1968227C1B	Clutch Brake (13-178, 1.75")
122	797700C1B	Clutch Brake (13-194, 2")
123	69983C91B	Bearing, Pilot (14"/15" clutches)
126	97-39-1	Magnetic Plug
131	97-19-1-1X	Cap, Front Bearing
133	97-463-32	Seal, Front (input)
136	97-518-15-2	Clutch Hsg. (3406 Cat engine)
136	312795X	Housing, Clutch (all except 3406, & IH)
137	128C-20	Bushing (upper holes)
148	106C-1185	Shaft, Short (5.25")
149	105C-137	Yoke, Release
150	106C-939	Shaft, Long (10", Series I / II)
150	106C-1046	Shaft, Long (9", Series III / IV)
155	1997780C2RB	Clutch Kit (14", including 122 & 123)
156	1997782C2RLDB	Clutch Kit (15.5", incl 122 & 123, early 3406)*
156	1997782C2RB	Clutch Kit (15.5", including 122 & 123, Heavy Duty)*

Note: *The 15.5" clutch sold by BTP is heavier than the original. It is interchangeable with the std clutch on all models except the early 3406 models indicated by the letter "A" following the model designation 3406.

Spicer Transmission, Gears and Shafts

Series I-IV & IH 4568, 45/4786:

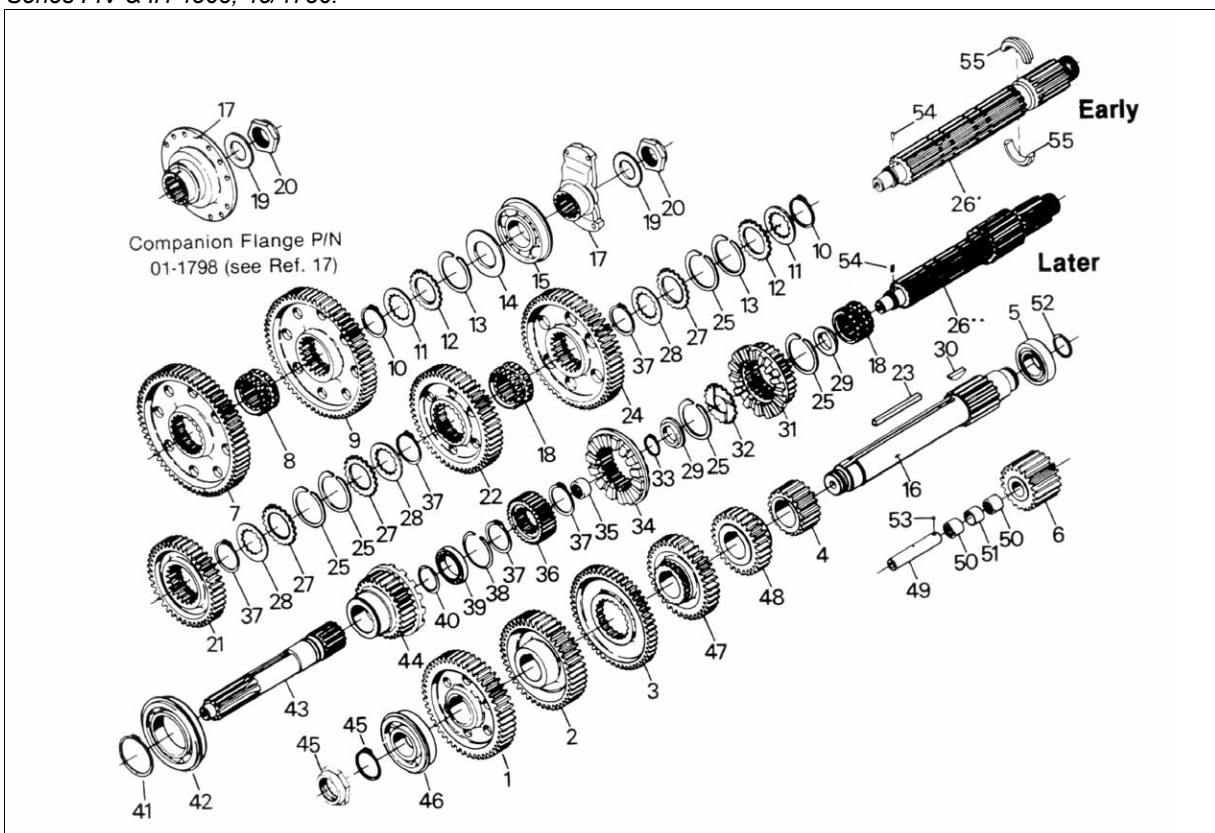


View	Part	Description
	90-2250RM	Asm, Reman 1010-2A Transmission (1-3/4")
	90-2251RM	Asm, Reman 1010-2A Transmission (2")
	90-4396RM	Asm, Reman 1010-3B Transmission (2")
	313432-43X	Kit, Bearing (bearings, gaskets, seals, and snap rings)
	313024-1X	Kit, Snap Ring
	313401-5X	Thrust Washer Kit (Early Ser. See item 26*)
	313401-6X	Thrust Washer Kit (Late Ser. See item 26**)
1	97-1-7	Gear, C/S Hi Splitter (3B)
1	97-1-5	Gear, C/S Lo Splitter (2A)
2	97-196-30	Gear, C/S Hi Splitter (2A)
2	97-196-35	Gear, C/S Lo Splitter (3B)
3	97-312-1	Gear, PTO Drive (w/Btm Mt P)
4	97-196-29	Gear, C/S (3/4)
5	550887	Bearing, C/S Rr
6	97-5-1	Gear, Reverse Idler
7	97-8-113	Gear, M/S (1/2)**
7	97-8-2	Gear, M/S (1/2){-USED-}*
8	97-465-21	Collar, M/S (1/2/Rev)*
8	97-465-20	Collar, M/S (1/2/Rev)**
9	97-8-111	Gear, M/S (Rev)
9	97-8-1	Gear, M/S (Rev, 399619C1){-USED-}*
11	330892	Thrust Washer (int spline, large, thick)**
11	330730	Thrust Washer (small, internal tooth)*
12	330891	Thrust Washer (ext spline, large, thick)**
12	330731	Thrust Washer (small, external tooth)*
14	330733	Thrust Washer (small, m/s)*
14	330893	Thrust Washer**
16	97-30-61	Countershaft (LH w/Rr Mt P)
16	97-30-19-1X	Countershaft (ST280/325/325CP)
17	60-371B	Yoke, Transmission
18	97-465-21	Collar, M/S
19	330734	Washer
20	545047	Nut**
21	97-8-32	Gear, M/S (7/8)

Note: *Used on early model tractors (prior to July 76). **Used on later model tractors (after July 76)

Spicer Transmission, Gears and Shafts

Series I-IV & IH 4568, 45/4786:

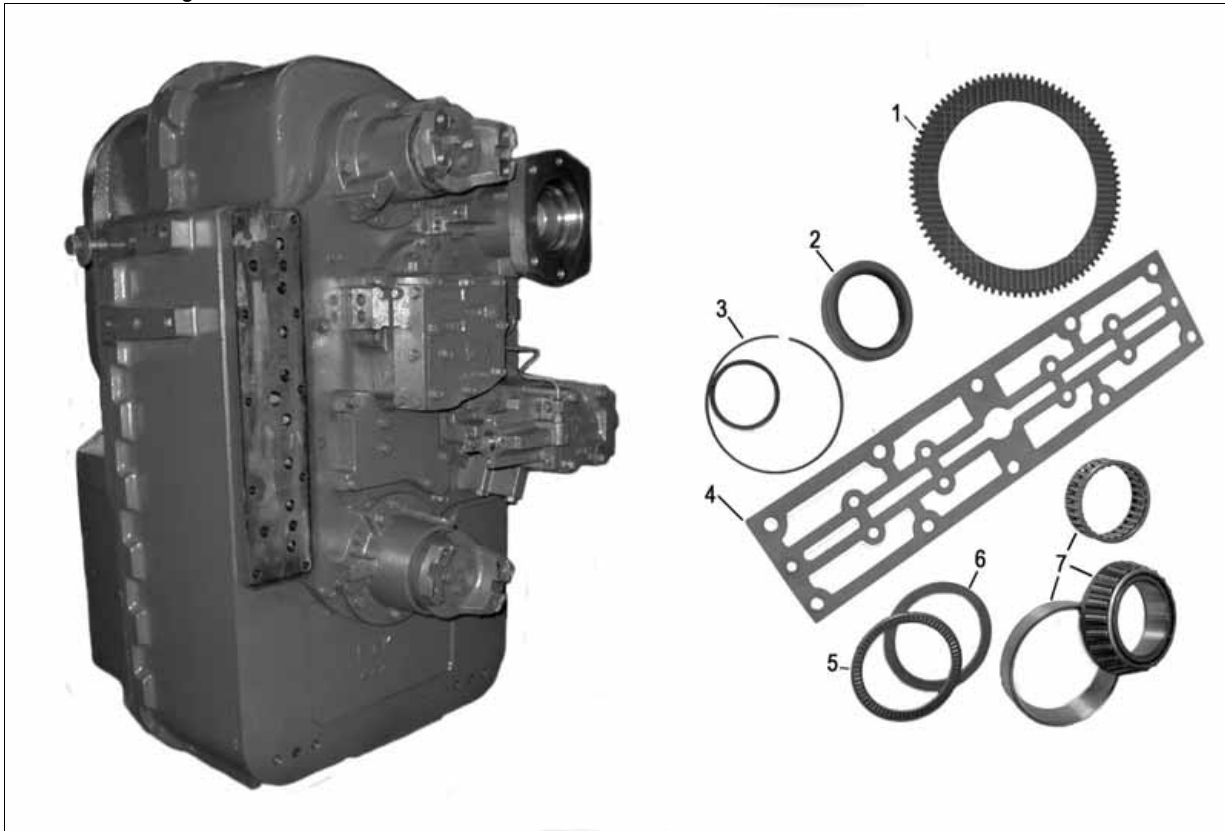


View	Part	Description
22	97-8-30	Gear, M/S (5/6)
23	98-210-2	Key
24	97-8-124	Gear, M/S (3/4, Replaces 97-8-28)
26	97-362-35	Large Mainshaft**
26	97-362-18-1X	Small Mainshaft*
27	330731	Thrust Washer (12-1422B)*
27	330814	Thrust Washer (ext spline, small, thick)**
28	330730	Thrust Washer*
29	330752	Thrust Washer (brass)
30	500010-8	Key
31	97-8-34	Gear, M/S (9/10)
32	330751	Thrust Washer (grooved)
34	97-465-26	Collar, Splitter
35	550889	Bearing, Input Shaft Pocket
36	97-466-3	Gear, Clutch
39	550891	Bearing, Input Shaft (Rr)
42	550924	Bearing, Input
43	97-35-8	Input Shaft (1.75"; 3306 & 903 w/320)
43	97-35-9	Input Shaft (2"; 3406, 855, & 903 w/350)
44	97-35-6	Drive Gear (26T, 2A)
44	97-35-27	Drive Gear (36T, 3B)
46	550031	Bearing, C/S Fr
47	97-196-86	Gear, C/S (7/8, w/Rr Mt P =2, w/Btm Mt P =1)
47	97-196-27	Gear, LH C/S (7/8, only w/Btm Mt P =1)
48	97-196-25	Gear, C/S (5/6)
49	97-60-1	Shaft, Reverse Idler
54	330750	Pin
55	330737	Split Ring (m/s)

Note: *Used on early model tractors (prior to July 76). **Used on later model tractors (after July 76)

Fuji Transmission

1000 Series Steigers Thru 9300 Series CNH

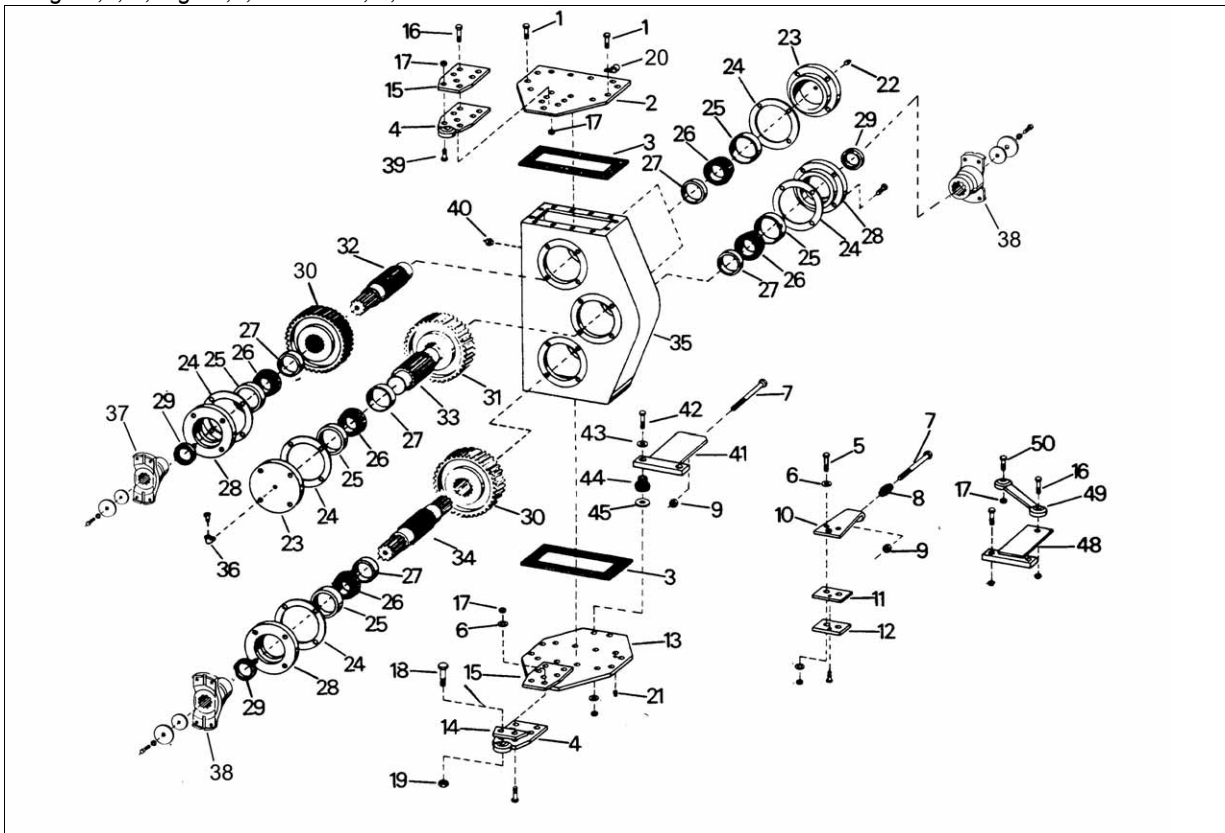


View	Part	Description
	90-7014RM	Asm, Reman PS Transmission (9x10-9x40)
	90-7015RM	Asm, Reman PS Transmission (9x50-9x60)
	90-7016RM	Asm, Reman PS Transmission (9x70-9x80)
	33-1559B	Kit, Gasket-Seal Overhaul (#2-#7)
	90-7016BRGKIT	Kit, Trans Bearing & Thurst Washer Overhaul (#5-#7)
1	33-1518B	Plate, 7" Clutch
1	33-1519B	Plate, 8" Clutch (427534A1)
1	33-1520B	Plate, 9" Clutch
2	33-1412B	Seal, Input (428159A1)
2	33-1428B	Seal, Output (427514A1)
5	A75158B	Bearing, Thrust
5	572182R1B	Bearing, Thrust
6	S2220S00FB	Washer, Thrust
6	H144527B	Washer, Thrust
6	S5230S00FB	Washer, Thrust
7	S2030S00FB	Bearing, Caged Needle
7	80909C1B	Bearing, Caged Needle
7	ST2018AB	Bearing, Cone
7	529207R91	Bearing, Cone
7	ST2016AB	Bearing, Cone
7	54404R1B	Bearing, Cup
7	529208R1B	Bearing, Cup
7	90-6579B	Bearing, Cup

Note: Reman Transmissions come as pictured, with yokes and master/control valves. The 8 valve hydraulic manifold is not included.

Single Speed Swinging Transfer Case

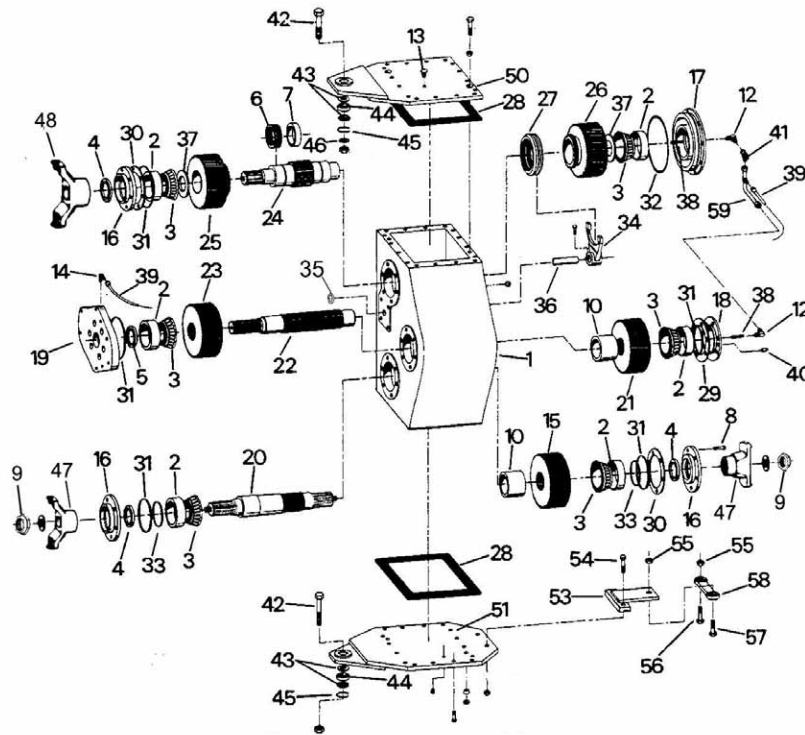
Cougar I,II,III; Tiger I,II; Panther II,III, and IH 4568 & 45/4786



View	Part	Description
	35-1060RM	Asm, Reman Transfer Case (1spd)
25	14-151B	Bearing Cup
26	14-152B	Bearing Cone
27	52-135B	Spacer, Gear
29	14-153B	Seal
30	42-049B	Gear, Top & Bottom
31	42-071B	Gear, Center
32	52-133B	Shaft, Top
33	52-132B	Shaft, Center
34	52-134B	Shaft, Bottom
37	17-135B	Yoke, Input (01-2210)
38	01-2209B	Yoke, Output

Two Speed Swinging Transfer Case

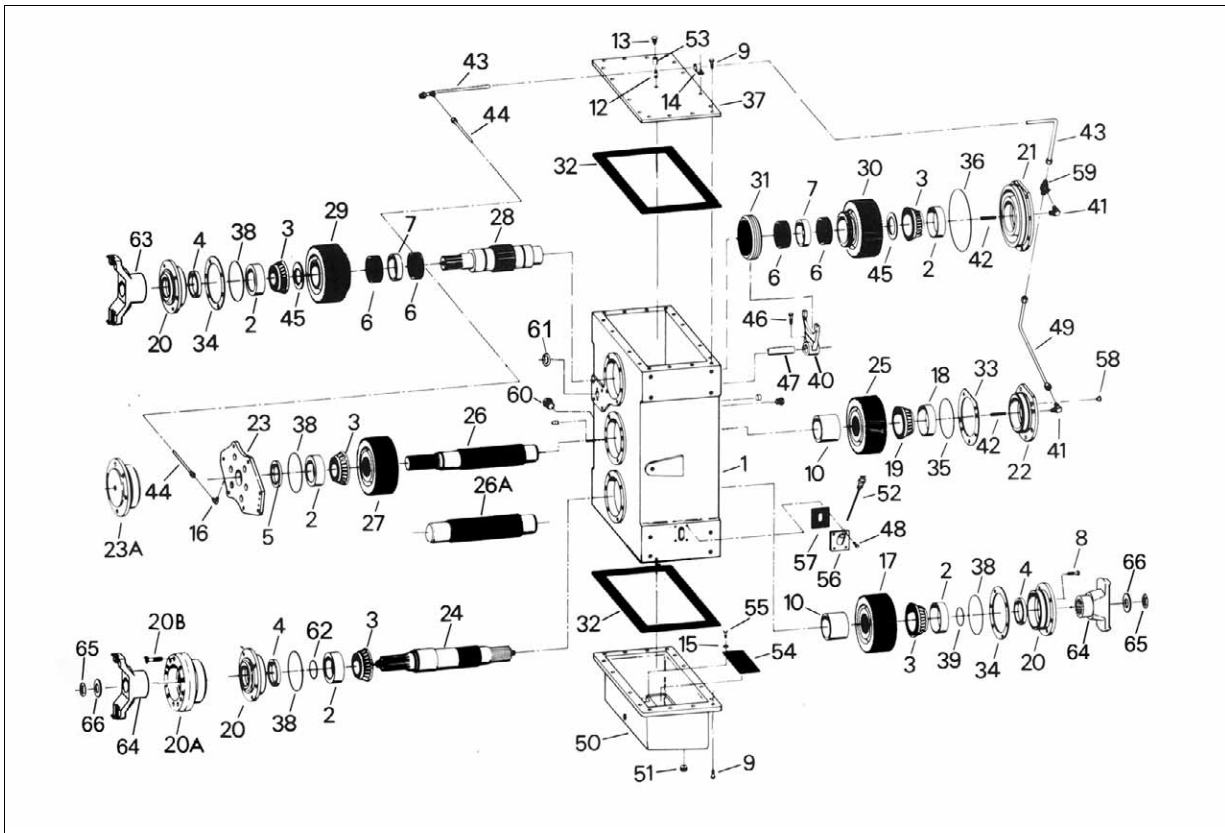
Series III: Bearcat, Cougar, and Panther (BSN 2000)



View	Part	Description
	TC0001RM	Asm, Reman Transfer Case (2spd swinging)
2	01-2255B	Bearing Cup
3	01-2256B	Bearing Cone
4	14-153B	Seal
5	01-2287B	Seal
6	01-2273B	Bearing, Caged Roller (x4)
9	14-59B	Nut
15	01-2268B	Gear, Bottom
20	01-2306B	Bottom Shaft
21	01-2291B	Gear, Center
22	01-2292B	Shaft (or 01-6967)
23	01-2282B	Gear, Center
24	01-2307B	Top Shaft
25	01-2316B	Gear, Top
26	01-2310B	Gear, Top
27	90-2216B	Collar, 2spd Shift (1-2258)
34	01-2550B	Fork, 2spd Shift
35	01-1850B	Seal, Shift Rod
36	01-3550B	Rod, 2 Speed Shift
44	01-3583B	Uniball
47	01-2209B	Yoke, Output
48	17-135B	Yoke, Input (01-2210)

Stationary Style Transfer Case

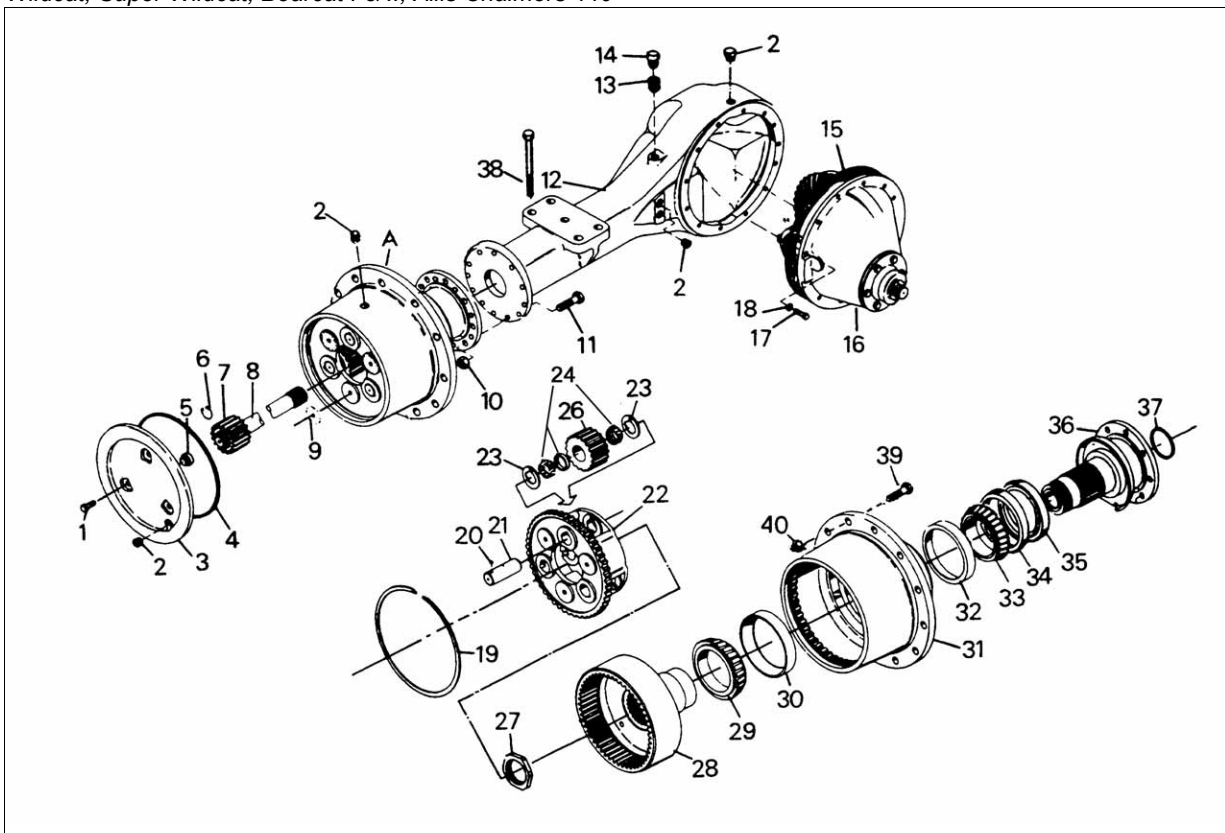
Series III-IV: PT/PTA and all Ford FW models



View	Part	Description
	90-2776RM	Asm, Reman Transfer Case (Auto Trans, Caliper Brake)
	90-2775RM	Asm, Reman Transfer Case (Man Trans, Caliper Brake)
	TC0002RM	Asm, Reman Transfer Case (PT, Multi-disk Brake)
	TC0003RM	Asm, Reman Transfer Case (PTA, Multi-disk Brake)
2	01-2255B	Bearing Cup
3	01-2256B	Bearing Cone
4	14-153B	Seal
5	01-2287B	Seal (multidisk brake)
6	01-2273B	Bearing, Caged Roller (x4)
17	01-2268B	Gear, Bottom
18	01-3364B	Bearing Cup
19	01-3365B	Bearing Cone
23	01-3361B	Cap, Brake Mount & Bearing
24	01-2306B	Shaft, Bottom (not for use with 26A)
25	01-2291B	Gear, Center
26	01-6966B	Shaft, Center
26	90-1817B	Shaft, Center (26A)
27	01-2282B	Gear, Center
27	01-3289B	Gear, Center (PTA, 70T)
28	01-2307B	Shaft, Top
29	01-2316B	Gear, Top
29	01-3288B	Gear, Top (PTA, 31T)
30	01-2310B	Gear, Top
31	90-2216B	Collar, 2spd Shift (1-2258)
40	01-2550B	Fork, 2spd Shift
47	01-4801B	Rod, 2 Speed Shift
61	01-1850B	Seal, Shift Rod
62	90-1869B	Oring
63	01-6992B	Yoke, Input
64	01-2209B	Yoke, Output
65	14-59B	Nut

Dana 235 Axles

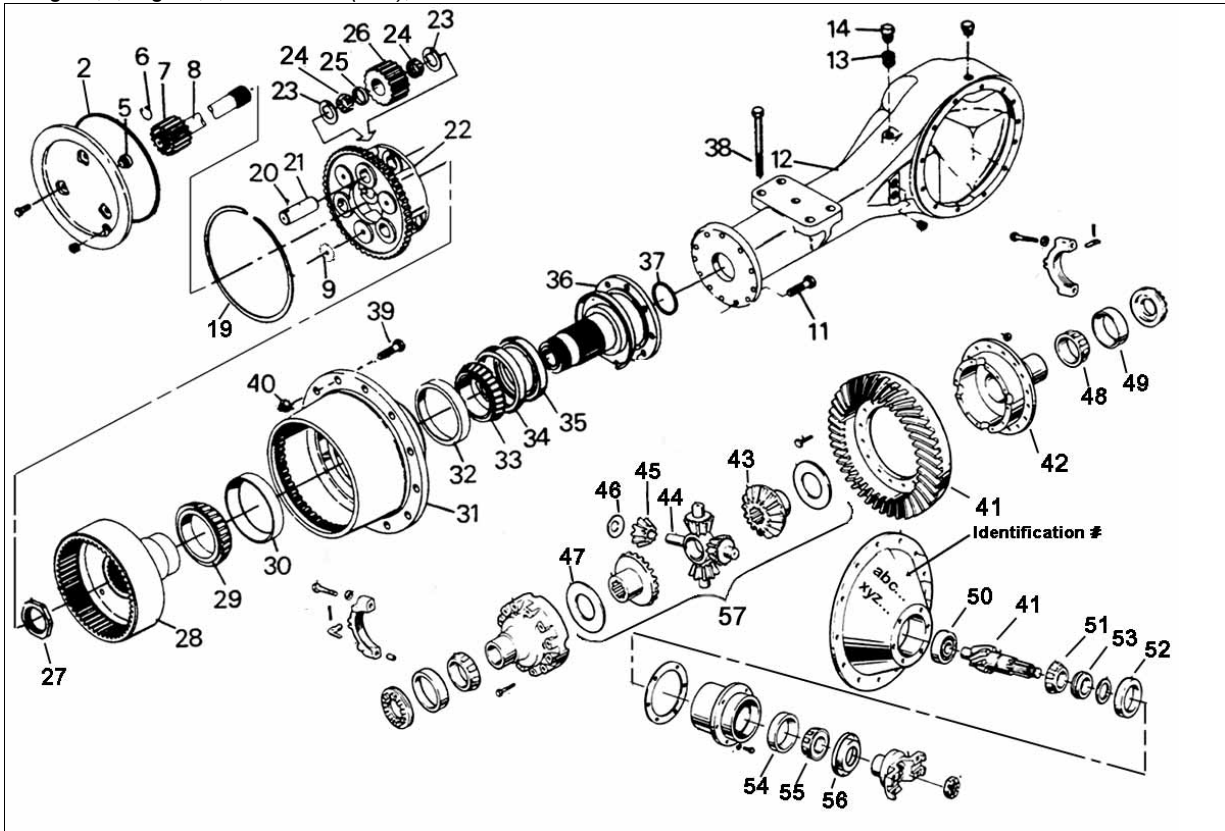
Wildcat, Super Wildcat, Bearcat I & II, Allis Chalmers 440



View	Part	Description
7	16-364B	Gear, Sun
21	16-366B	Shaft
24	35-078B	Needle Bearing & Spacer Kit (6/axle)
26	16-369B	Gear, Planet
29	16-85PRB	Bearing, Cup/Cone (item 29, 30; 48220/48290)
32	16-16B	Bearing, Cup
33	16-17B	Bearing, Cone
35	16-599B	Seal, Hub

Dana 280 & 305 Axles

Cougar I,II; Tiger I,II; Bearcat III (220); Panther II

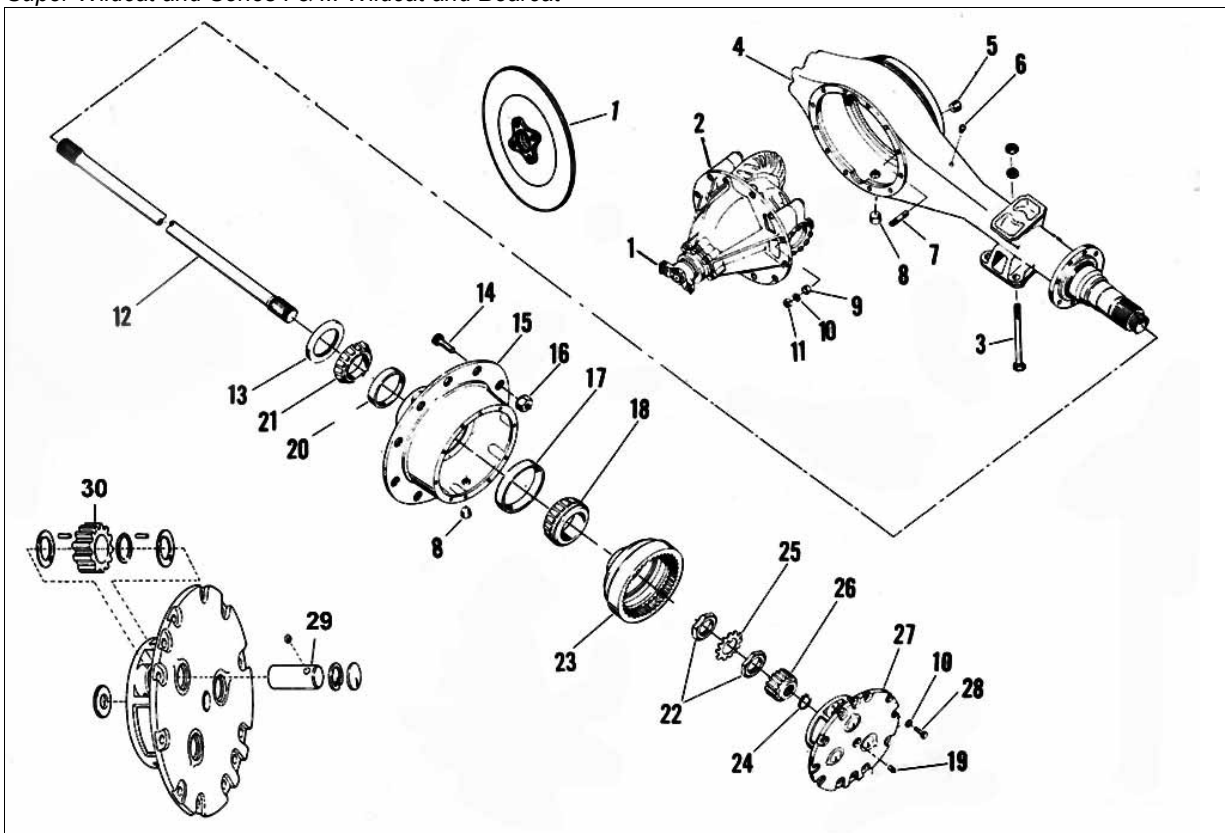


View	Part	Description
	90-1844B	Asm, Reman Diff (ratio 4.88, Fr)*
	90-1843B	Asm, Reman Diff (ratio 4.88, Rr)*
	98611-22B	Carrier, Diff (42-47)
	S-9554B	Kit, Diff Bearing and Seal (48, 49, 50-56)
2	16-69B	O-ring, Planetary Cover (305)
7	16-601B	Gear, Sun
7	16-598B	Gear, Sun (A280)
21	16-075B	Shaft
21	16-366B	Shaft (A280)
24	16-77B	Bearing, Needle (52/gear)
24	35-078B	Needle Bearing & Spacer Kit (6/axle, A280)
25	16-79B	Spacer, Needle Bearing
26	16-600B	Gear, Planet
26	16-369B	Gear, Planet (A280)
29	16-85PRB	Bearing, Cup/Cone (item 29, 30)
32	16-16B	Bearing, Cup
33	16-17B	Bearing, Cone
33	16-853B	Bearing, Cone** (late style, Brg# 64433)
34	16-599B	Seal, Hub
41	01-2029B	Gear Set, Ring & Pinion (Fr)
41	01-2028B	Gear Set, Ring & Pinion (Rr)
56	16-60B	Seal, Pinion
57	35-1214B	Kit, Gear/Washer/Cross

Note: *Take note of the count for the ring/pinion or record the numbers on the diff housing (as illustrated above) and the end of the pinion shaft. **If item 35 present this is a late series axle.

Small Clark Axles

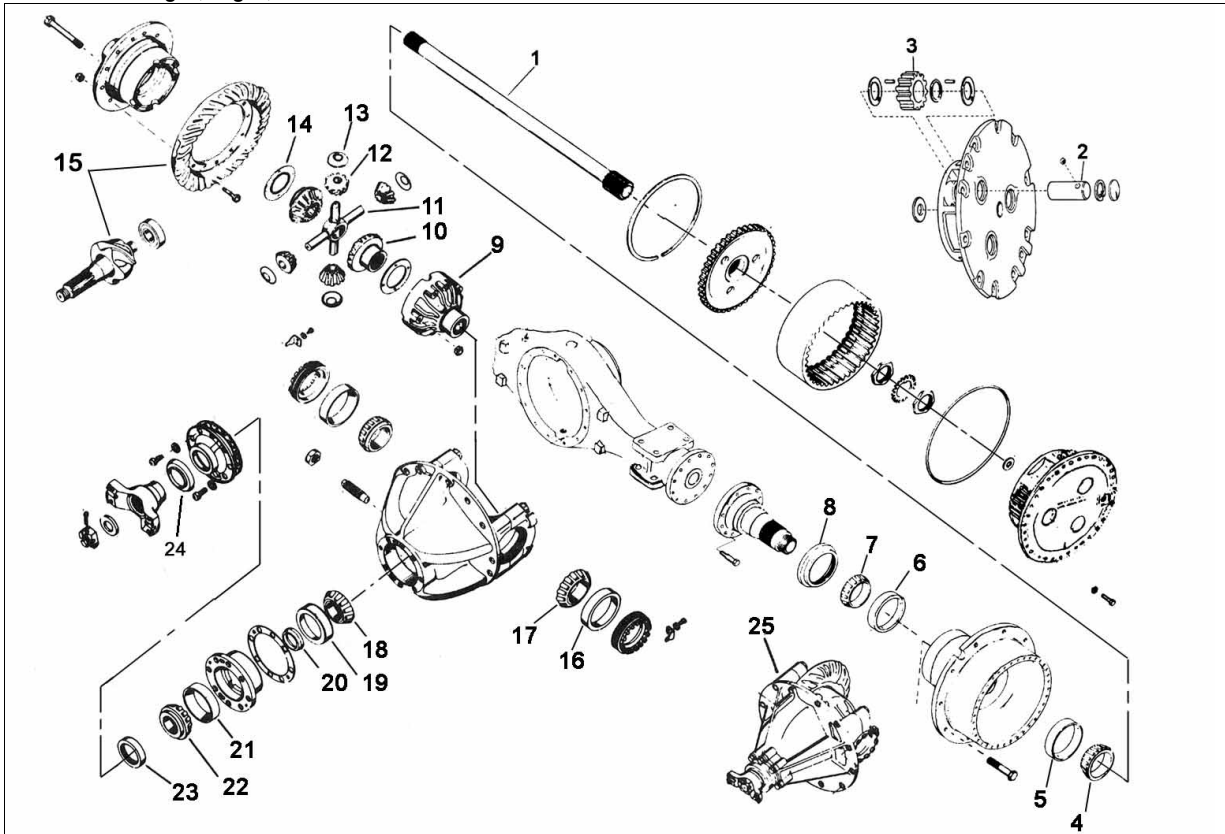
Super Wildcat and Series I & II: Wildcat and Bearcat



View	Part	Description
13	16-722B	Seal, Hub
17	16-91B	Bearing, Cup
18	16-718B	Bearing, Cone
20	16-720B	Bearing, Cup
21	16-721B	Bearing, Cone
26	16-541B	Gear, Sun
29	16-736B	Pin, Planet
30	16-733B	Gear, Planet

Large Clark Axles

Series I/II: Cougar, Tiger, and Panther

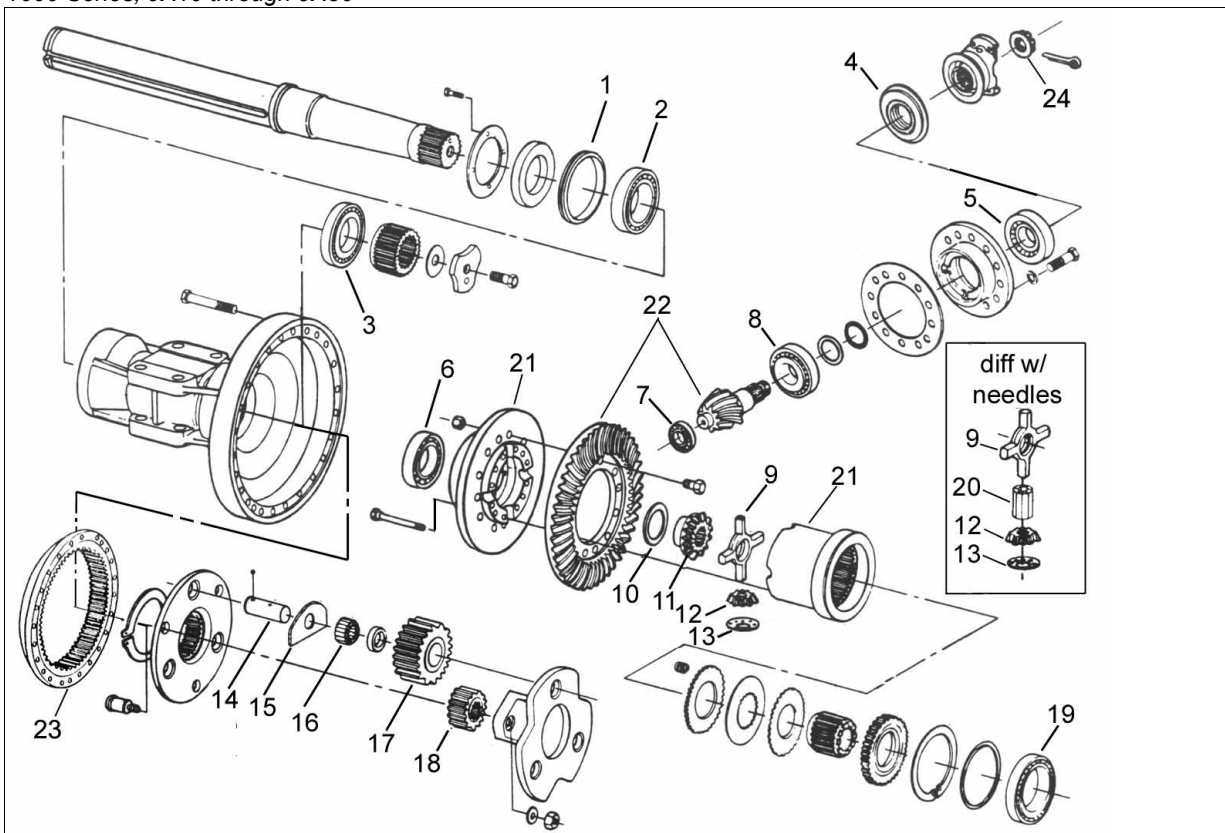


View	Part	Description
	1640BK	Bearing Kit (diff seals & bearings)**
	127603	Diff Carrier Kit (loaded w/needles)**
	16-1214B	Gear, Sun*
	667466	Kit, Needle Roller (diff carrier)**
	816044	Kit, Side/Bevel Gear (27 spline w/ needles)**
	816104	Kit, Side/Bevel Gear (27 spline w/o needles)**
	816105	Kit, Side/Bevel Gear (46 spline w/o needles)**
	16-196B	Pin, Planet*
1	16-841B	27 Spline Axle**
1	16-754B	46 Spline Axle**
2	16-774B	Planet Pinion Shaft**
3	16-1271B	Gear, Planet*
3	16-771B	Planet Pinion Gear**
4	16-755B	Bearing, Outer Cone (135648A1, 67390)**
4	16-1207B	Bearing, Outer Cone (A75263)*
5	16-1206B	Bearing, Outer Cup (135649A1, 67322)*/**
6	16-1202PRB	Bearing, Inner Cup/Cone (sold as pair, 797/792)*/**
7	16-1203B	see item #6, 16-1202PRB (792)*/**
8	16-1224B	Seal, Hub/**
9	2109043	Case, Diff (use w/ needles)**
9	2109022	Case, Diff (use w/o needles)**
11	127814	Cross (use w/ needles)**
11	117105	Cross (use w/o needles)
13	118474	Washer Kit, Side/Bevel Gear (w/needles, 16-1236)**
14	118478	Washer Kit, Side/Bevel Gear (16-1236)**
15	2109205	Gear Set, Ring & Pinion (Fr, 7:44 compatible with 6:38)**
15	126581	Gear Set, Ring & Pinion (Fr, 8:37)**
15	2109202	Gear Set, Ring & Pinion (Rr, 7:44 compatible with 6:38)**
15	126565	Gear Set, Ring & Pinion (Rr, 8:37)**
24	16-1256B	Seal, Pinion**
26	16-192B	Bearing, Planet Needle (50/gear)*

Note: *Early Ser I/II Cougar & Tiger. **Later release Ser II Cougar, Panther, & Tiger only.

Raba In-Board Planetary Style Axles

1000 Series, 9X10 through 9X50

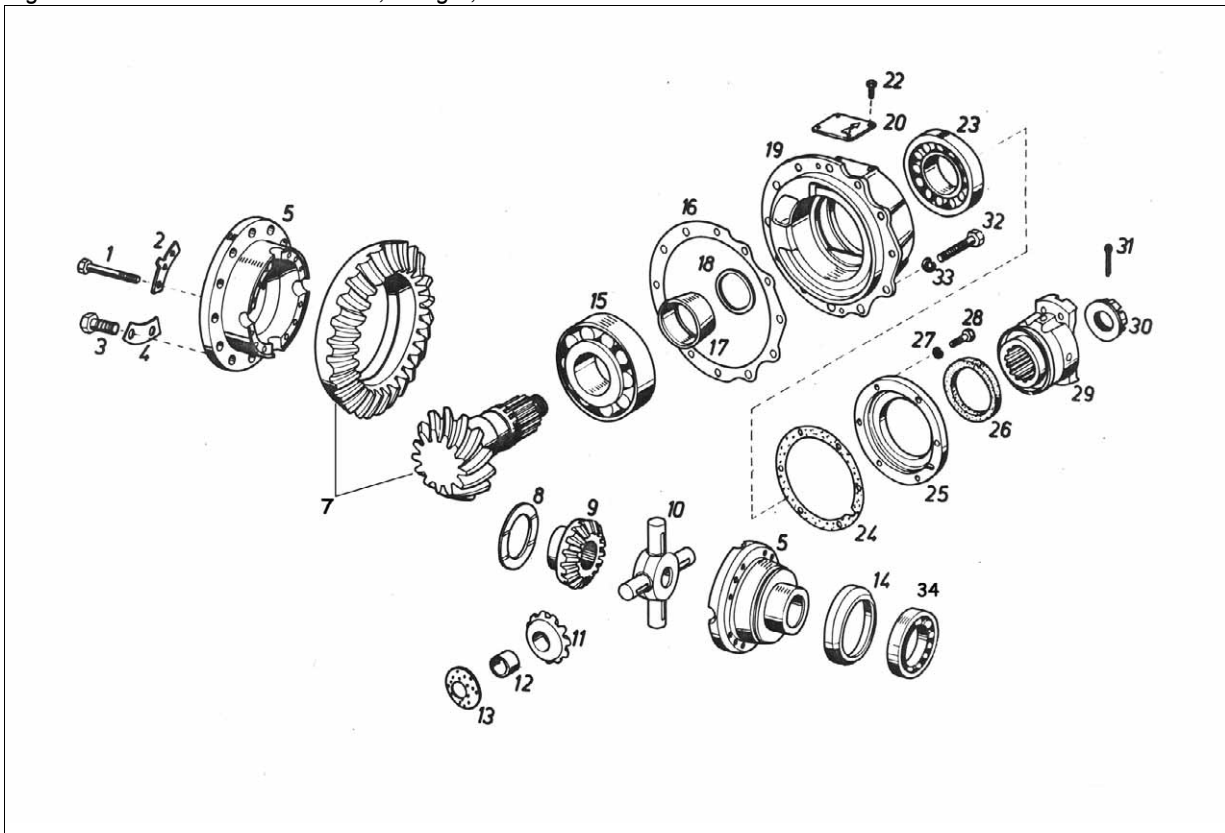


View	Part	Description
	90-6707RM	Asm, Reman 592 Axle (Fr)
	90-6705RM	Asm, Reman 592 Axle (Rr)
	90-8059RM	Asm, Reman 593/693 Axle (Fr)
	90-8058RM	Asm, Reman 593/693 Axle (Rr)
	90-7806RM	Asm, Reman 692 Axle (Fr)
	90-7807RM	Asm, Reman 692 Axle (Rr)
	592001RM	Asm, Reman Diff Carrier (items 6,9-13,19,21, 592 Axles)
	593001RM	Asm, Reman Diff Carrier (items 6,9-13,19,21, 593/693 Axles)
	692001RM	Asm, Reman Diff Carrier (items 6,9-13,19,21, 692 Axles)
1	33-1246B	Seal, Planetary (592/593/692/693)
2	33-1247B	Bearing (592/692/593/693)
3	33-1248B	Bearing (592/692/593/693)
4	33-1178B	Seal, Pinion (593/593/692/693)
5	33-1179B	Bearing, Pinion (592/692/593/693)
6	16-1523B	Bearing, Diff Carrier (592/692/593/693)
7	33-1219B	Bearing, Pocket (91082R91)
8	33-1216B	Bearing, Pinion (592/593/693)
14	33-1257B	Pin, Planet (592)
14	90-4536B	Pin, Planetary (593/693)
16	01-8340B	Bearing, Caged Needle (12/axle)
16	90-8195B	Bearing, Caged Needle (692, 12/axle)
17	33-1259B	Gear, Planet (592)
17	33-1503B	Gear, Planet (593/693)
18	33-1260B	Gear, Sun (592)
18	33-1504B	Gear, Sun (593/693)
19	33-1237B	Bearing, Diff Carrier (592/692, 24903750)
19	33-1497B	Bearing, Diff Carrier (593/693)
20	90-7870B	Bearing, Needle Roller (29/gear, 692/693)
22	33-1217B	Gear Set, Ring/Pinion (592, Rr)
22	33-1488B	Gear Set, Ring/Pinion (593/693, Fr)
22	33-1487B	Gear Set, Ring/Pinion (593/693, Rr)
23	33-1263B	Gear, Ring (592)
23	33-1506B	Gear, Ring (593/693)
24	16-1589B	Nut, Pinion

Note: Contact BTP for price and availability of Limited Slip Assemblies.

Raba K598.00/10-.20/30 Differential

Tiger II and Series II-1000: Bearcat, Cougar, and Panther

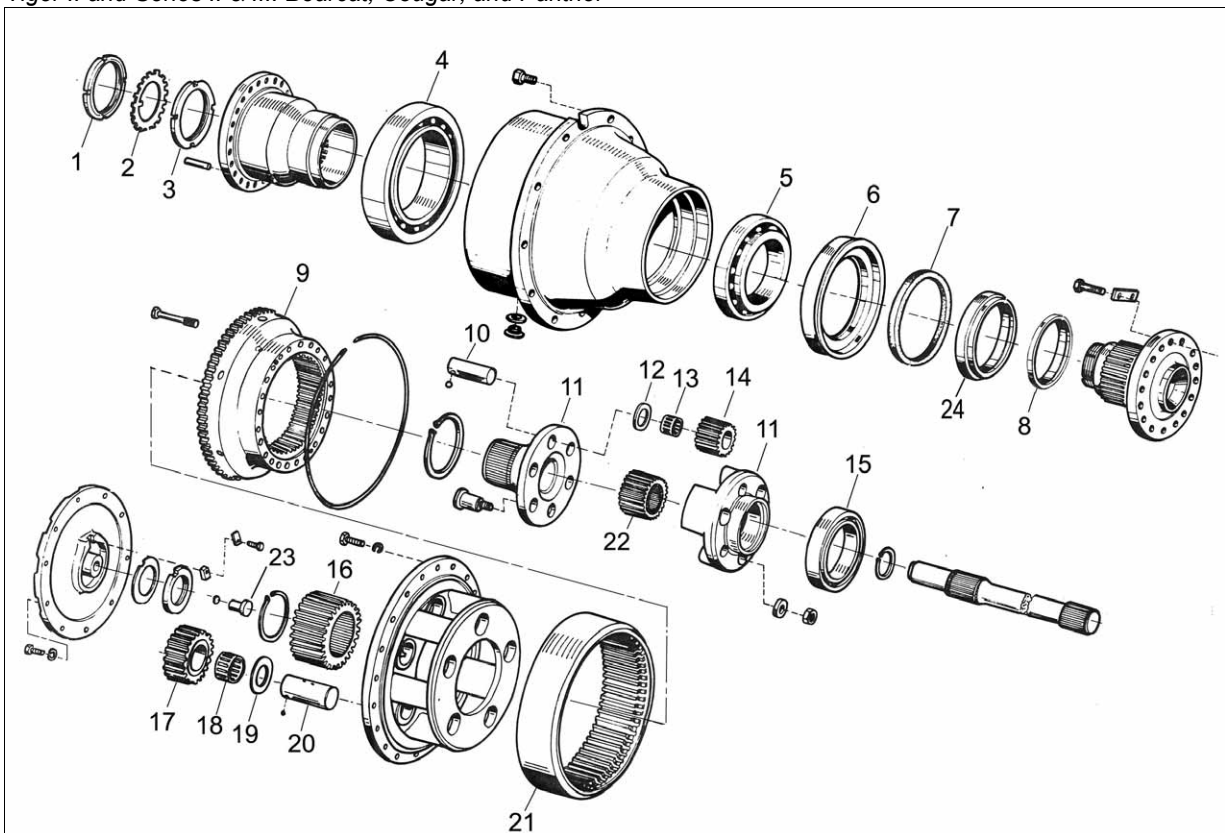


View	Part	Description
	16-1547B	Asm, Differential Carrier (34, 1-13 less no. 7)
	90-8034B	Asm, Differential Carrier (needle conversion ref: K698 diff.)*
	16-1804RM	Asm, Reman Diff (Fr)
	16-1805RM	Asm, Reman Diff (Rr)
	16-1547NSRM	Asm, Reman Diff Carrier w/No-Spin
	16-873B	Kit, No-Spin (replaces items 8-13)
5	16-1548B	Differential Housing halves
7	16-1550B	Gear Set, Ring & Pinion (Fr)
7	16-1549B	Gear Set, Ring & Pinion (Rr)
8	16-1551B	Washer, Side Thrust (4.6mm - 5.3mm)
9	16-1559B	Gear, Side
10	16-1560B	Spider
11	16-1561B	Gear, Small Bevel
12	16-1562B	Bushing
13	16-1563B	Washer, Thrust (bevels)
15	16-1565B	Bearing, Pinion
23	16-1582B	Bearing, Pinion
26	16-1585B	Seal, Pinion (83mm ID, Early 00/10)
26	90-2509B	Seal, Pinion (85mm ID, Late 00/10 and all 20/30)
30	16-1589B	Nut, Pinion
34	16-1523B	Bearing, Carrier

Note: *Differential case asm can be ordered with needle bearings rather than brass bushings (#12).

Raba K598.00/10

Tiger II and Series II & III: Bearcat, Cougar, and Panther

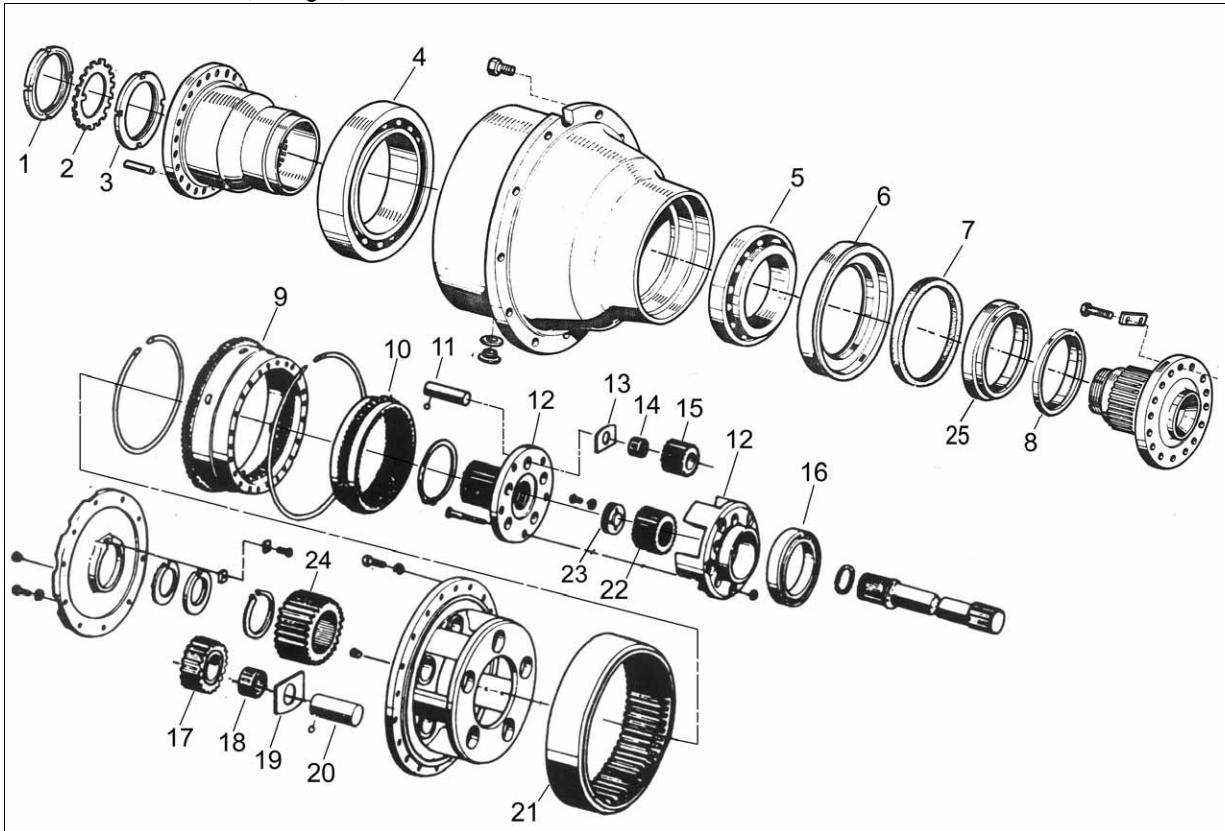


View	Part	Description
	01-8325B	Asm, Inner Planet 5 Gear Upgrade (Items: 10-15 & 22)
	K59801RM	Asm, Reman Final Drive
	16-798RM	Asm, Reman K598.00 Axle (Rr)
	90-4405RM	Asm, Reman K598.10 Axle (Fr, 16-797)
1	16-1539B	Nut
2	16-1538B	Washer, Tab Lock
4	16-1535B	Bearing, Tapered Roller
5	16-1532B	Bearing, Tapered Roller
6	90-6107RM	Retainer (Reman Exchange)
7	90-4179B	Seal, Hub
8	90-5989B	Seal (late 0/10 and all 20/30)
9	16-1611B	Gear, Double Ring
10	16-1606B	Pin, Planet
11	01-8326B	Carrier, Inner Planetary (New, 5 gear)
12	90-1009B	Plate, Spacer
13	16-1603B	Bearing, Caged Needle (12/axle)
14	16-1604B	Gear, Planet
15	16-1597B	Bearing, Roller
16	16-1622B	Gear, Sun
17	01-8339B	Gear, Planet (Replaces 16-1616)**
18	01-8340B	Bearing, Caged Needle (Replaces 16-1617, 20/axle)**
18	16-1617B	Bearing, Caged Needle (use w/ 16-1616 gears only, 20/axle)
19	90-1008B	Plate, Spacer
20	16-1619B	Pin, Outer Planet
21	16-1613B	Gear, Ring
22	16-1602B	Gear, Sun
23	16-1624B	Pin, Support
24	01-8316B	Ring (updated for 90-5989B)

Note: **K598.00/10 outer planetary gears and bearings can be updated to new and improved K598.20/30 parts.

Raba K598.20/30

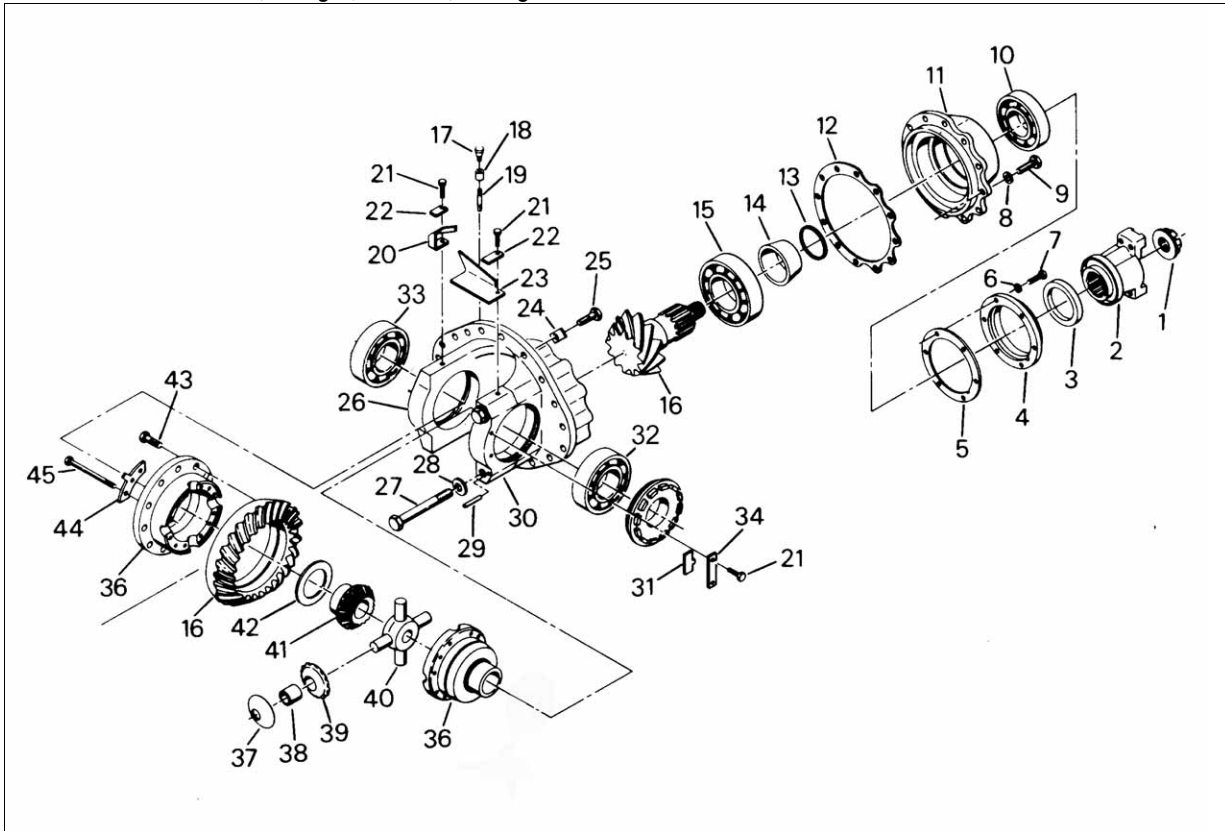
Series III & IV: Bearcat, Cougar, and Panther



View	Part	Description
	01-8325B	Asm, Inner Planetary (Items: 11-16 & 22)
	K59802RM	Asm, Reman Final Drive
	01-6167RM	Asm, Reman K598.20 Axle (Rr)
	01-6168RM	Asm, Reman K598.30 Axle (Fr)
1	16-1539B	Nut
2	16-1538B	Washer, Tab Lock
4	16-1535B	Bearing, Hub (outer)
5	16-1532B	Bearing, Hub (inner)
6	90-6107B	Retainer (Reman Exchange)
7	90-4179B	Seal, Hub
8	90-5989B	Seal (stationary)
10	01-8334B	Gear, Ring
11	16-1606B	Pin, Planet
12	01-8326B	Inner Planetary Carrier (no. 12 only)
13	01-8329B	Washer, Thrust (inner)
14	16-1603B	Bearing, Caged Needle (20/axle)
15	16-1604B	Gear, Planet
16	16-1597B	Bearing, Ball
17	01-8339B	Gear, Planet
18	01-8340B	Bearing, Caged Needle (20/axle)
19	01-8341B	Washer, Thrust (outer)
20	16-1619B	Pin, Planet
21	16-1613B	Gear, Ring
22	16-1602B	Gear, Sun
23	01-8333B	Plug, Shaft Clearance Adj
24	16-1622B	Gear, Sun
25	01-8316B	Ring

Raba K598.60/70 Differential

Series IV-1000: Bearcat, Cougar, Panther, through CNH 92XX models

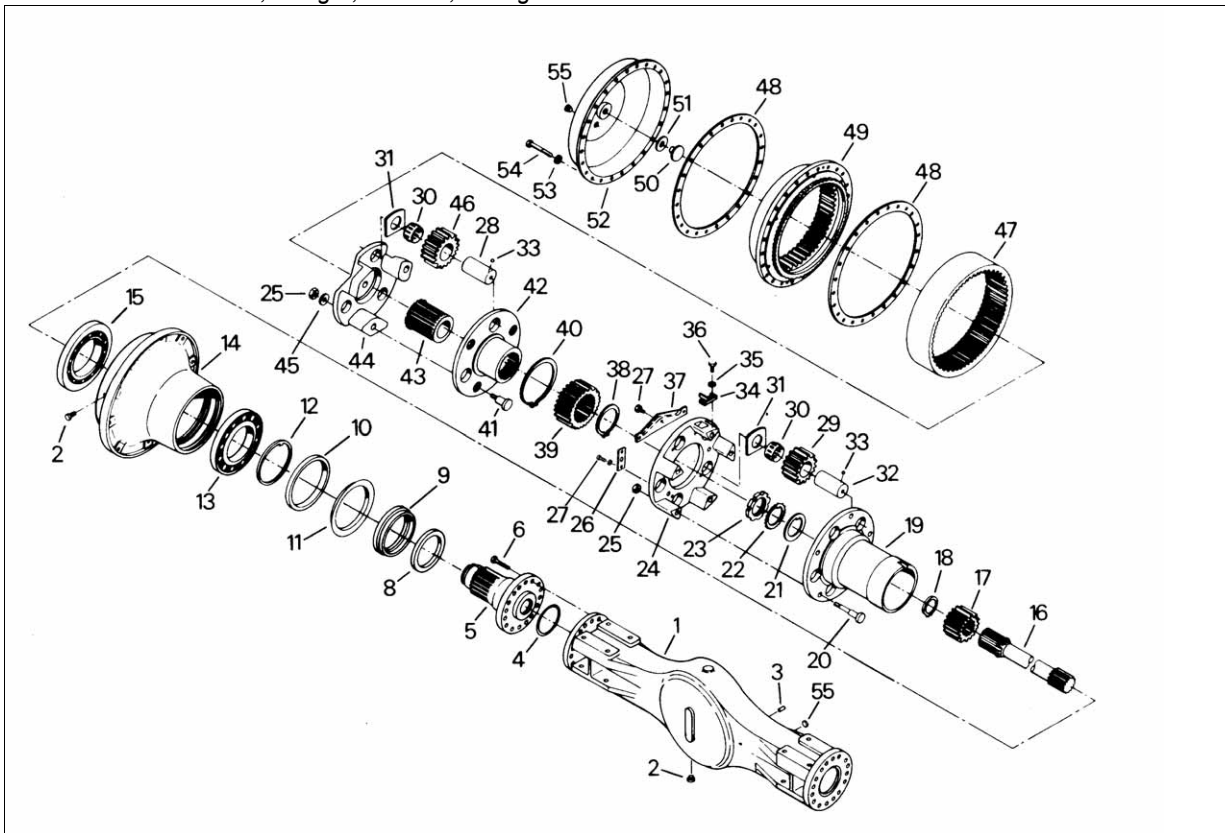


View	Part	Description
	90-8034B	Asm, Diff Carrier (needle conversion ref: K698 diff.)*
	16-1547B	Asm, Diff Case (32, 36-45)
	90-7180RM	Asm, Reman Diff (Fr, w/lmt slip)
	90-7179RM	Asm, Reman Diff (Rr, w/lmt slip)
	90-7155RM	Asm, Reman Diff Carrier (lmt slip)
	90-4486RM	Asm, Reman Diff K598.60 (Rr, w/brass)
	90-4487RM	Asm, Reman Diff K598.70 (Fr, w/brass)
	16-1547NSRM	Asm, Reman NoSpin Diff Carrier (32, 33)
	16-873B	Kit, No-Spin (replaces items 37-42)
1	16-1589B	Nut, Pinion
3	90-2509B	Seal, Pinion
10	16-1582B	Bearing, Pinion
15	16-1565B	Bearing, Pinion
16	90-4502B	Gear Set, Ring & Pinion (Fr)
16	90-4501B	Gear Set, Ring & Pinion (Rr)
32	16-1523B	Bearing, Carrier (Items 32 & 33)
32	A48105B	Bearing, Lmt Slip Diff Carrier (90-7139)
33	L33736B	Bearing Cone, Lmt Slip Diff Carrier (90-7140)
33	L33731B	Bearing Cup, Lmt Slip Diff Carrier (90-7141)
36	16-1548B	Diff Case Halves
37	16-1563B	Washer, Thrust (bevel gear)
38	16-1562B	Bushing
39	16-1561B	Gear, Small Bevel
40	16-1560B	Spider
41	16-1559B	Gear, Large Bevel
42	16-1551B	Washer, Side Thrust (4.6-5.3mm)

Note: *Differential case asm can be ordered with needle bearings rather than brass bushings (#38).

Raba K598.60/70

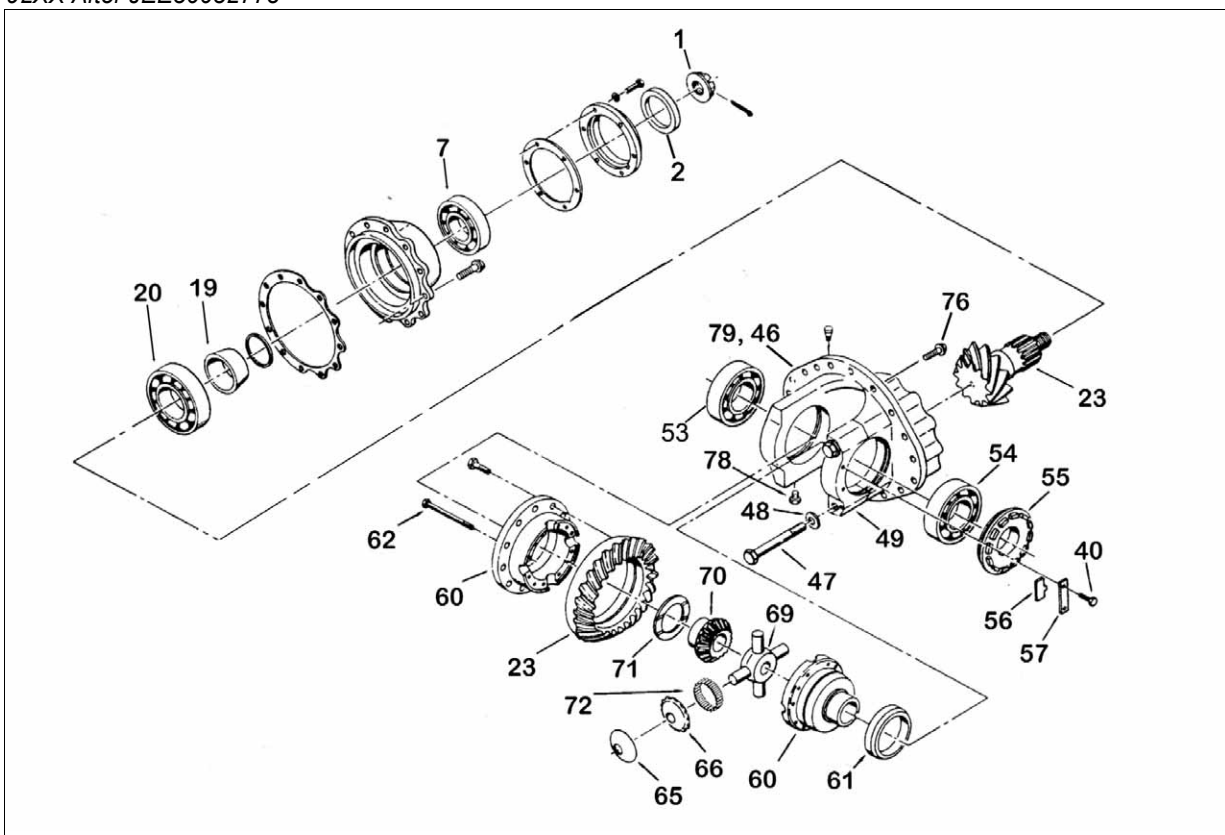
Series IV-1000: Bearcat, Cougar, Panther, through CNH 92XX models



View	Part	Description
	90-6556RM	Asm, Reman Axle (Fr)
	90-6557RM	Asm, Reman Axle (Rr)
	90-6992RM	Asm, Reman Axle w/Lmt Slip (Fr)
	90-6993RM	Asm, Reman Axle w/Lmt Slip (Rr)
	K59803RM	Remanufactured Complete Final Drive Asm
	90-5988B	Seal & Sleeve Asm (10 & 11)
5	90-4481B	Spindle, Axle
8	90-5989B	Seal
9	90-7086B	Nut, Retainer
12	90-4477B	Washer, Tab
13	90-4500B	Bearing, Hub
15	90-4498B	Bearing, Hub
17	90-4519B	Gear, Sun
22	90-4496B	Washer, Tab Lock
23	90-4495B	Nut
26	90-7817B	Strap, Final Drive Pins
28	90-2567B	Pin, Planet
29	01-8339B	Gear, Planet
30	01-8340B	Bearing, Caged Needle (32/axle)
31	01-8341B	Plate, Spacer
32	90-2567B	Pin, Planet (w/ lube hole)
32	90-4536B	Pin, Planet (w/o lube hole)
39	16-1622B	Gear, Sun
46	90-4525B	Gear, Planet
47	90-4529B	Gear, Ring
49	90-4521B	Gear, Double Ring
51	90-2554B	Shim

Raba K698.68/78 Differential

92XX After JEE30032778

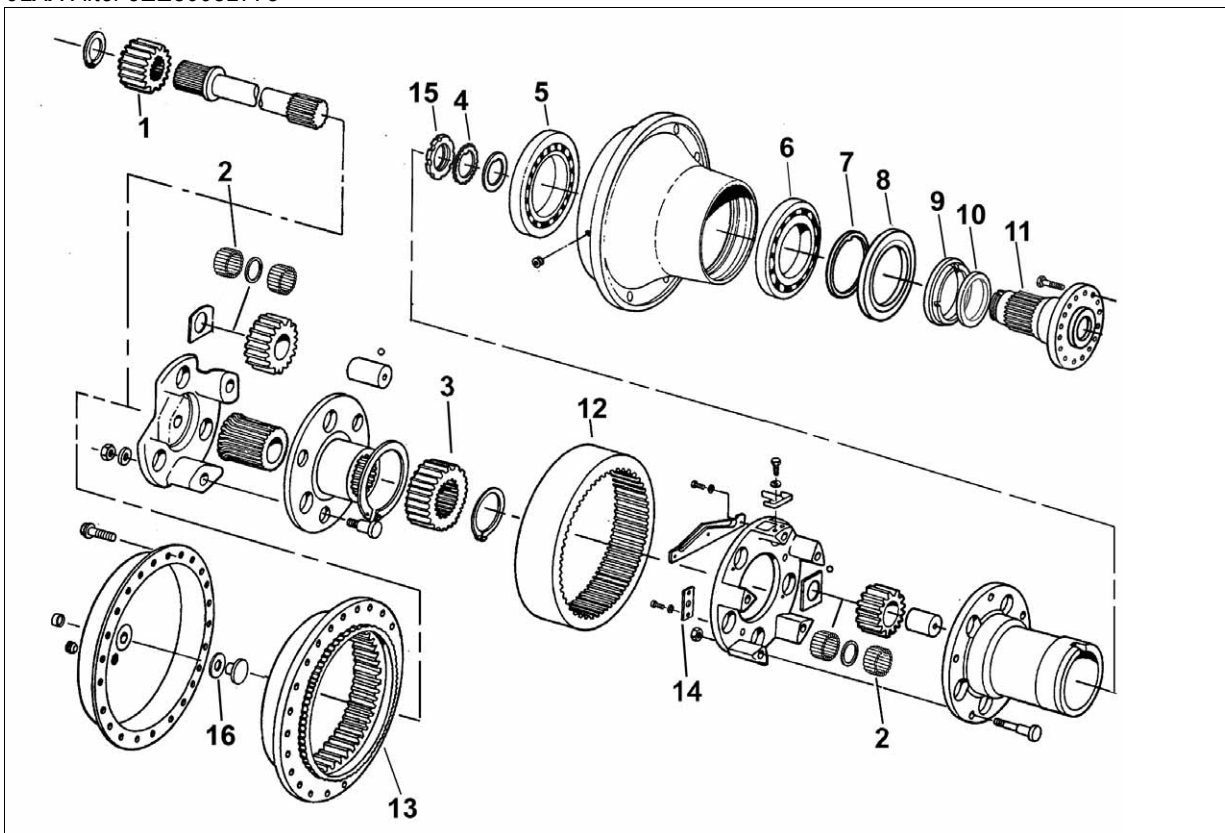


View	Part	Description
	90-8034B	Asm, Diff Case (items 54, 60-72)
	16-1547NSRM	Asm, Reman Diff Carrier w/NoSpin (53, 54, 60-71)
	90-7850RM	Asm, Reman Diff K698.68 (Rr)
	90-7851RM	Asm, Reman Diff K698.78 (Fr)
1	16-1589B	Nut, Pinion
2	90-2509B	Seal, Pinion
7	16-1582B	Bearing, Pinion
20	16-1565B	Bearing, Pinion
23	90-4502B	Gear Set, Ring & Pinion (Fr)
23	90-4501B	Gear Set, Ring & Pinion (Rr)
53	L33736B	Bearing Cone, Lmt Slip Diff Carrier
53	L33731B	Bearing Cup, Lmt Slip Diff Carrier
54	A48105B	Bearing, Lmt Slip Diff Carrier
54	16-1523B	Bearing, Tapered Roller (Items 53 & 54)
60	16-1548B	Differential Case Halves*
65	16-1563B	Washer, Thrust (bevel gear)*
66	90-7856B	Gear, Bevel*
69	90-7855B	Spider*
70	16-1559B	Gear, Side*
71	16-1551B	Washer, Side Thrust (4.6-5.3mm)*
72	90-7870B	Bearing, Needle Roller (29/gear)*

Note: *Please contact us prior to installation to insure that these items are correctly installed.

Raba K698 Final Drives

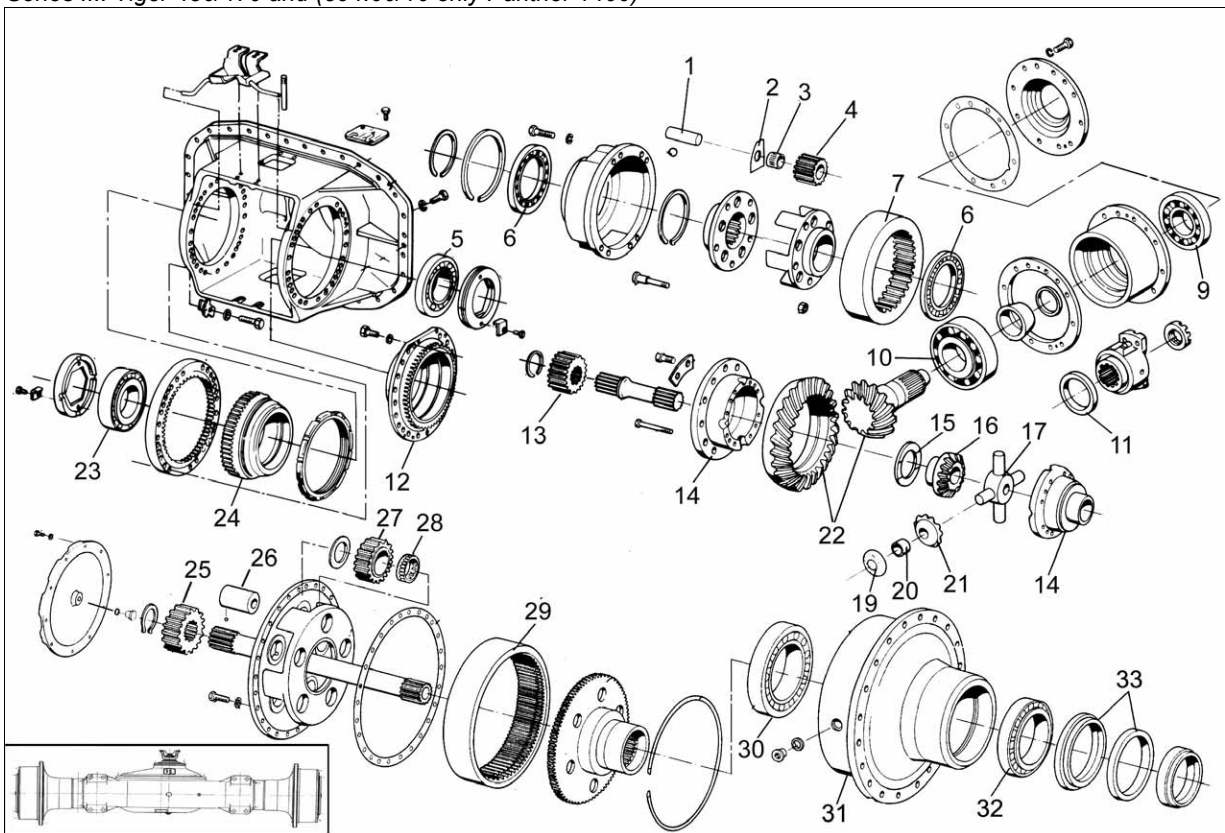
92XX After JEE30032778



View	Part	Description
	90-7842RM	Asm, Reman Complete Axle (Fr, w/lmt slip)
	90-7844RM	Asm, Reman Complete Axle (Fr, w/o lmt slip)
	90-7843RM	Asm, Reman Complete Axle (Rr, w/lmt slip)
	90-7845RM	Asm, Reman Complete Axle (Rr, w/o lmt slip)
	K69801RM	Asm, Reman Final Drive
1	90-4519B	Gear, Sun (90-7846T1)
2	90-7832B	Bearing, Needle Rollers (44/gear)
3	16-1622B	Gear, Sun (90-7841T1)
4	90-4496B	Washer, Tab Lock
5	90-7762B	Bearing, Cone (outer)
5	90-7761B	Bearing, Cup (outer)
6	90-7760B	Bearing, Cone (inner)
6	90-7759B	Bearing, Cup (inner)
7	90-4477B	Washer, Tab
8	90-5988B	Seal & Sleeve Asm
9	90-7086B	Nut, Retainer
10	90-5989B	Seal
11	90-4481B	Spindle, Axle
12	90-4529B	Gear, Ring
13	90-4521B	Gear, Double Ring
14	90-7817B	Strap, Pin Retainer
15	90-4495B	Nut
16	90-2554B	Shim

Raba K594.00/10 & K594.05/15

Series III: Tiger 450/470 and (594.00/10 only Panther 1400)

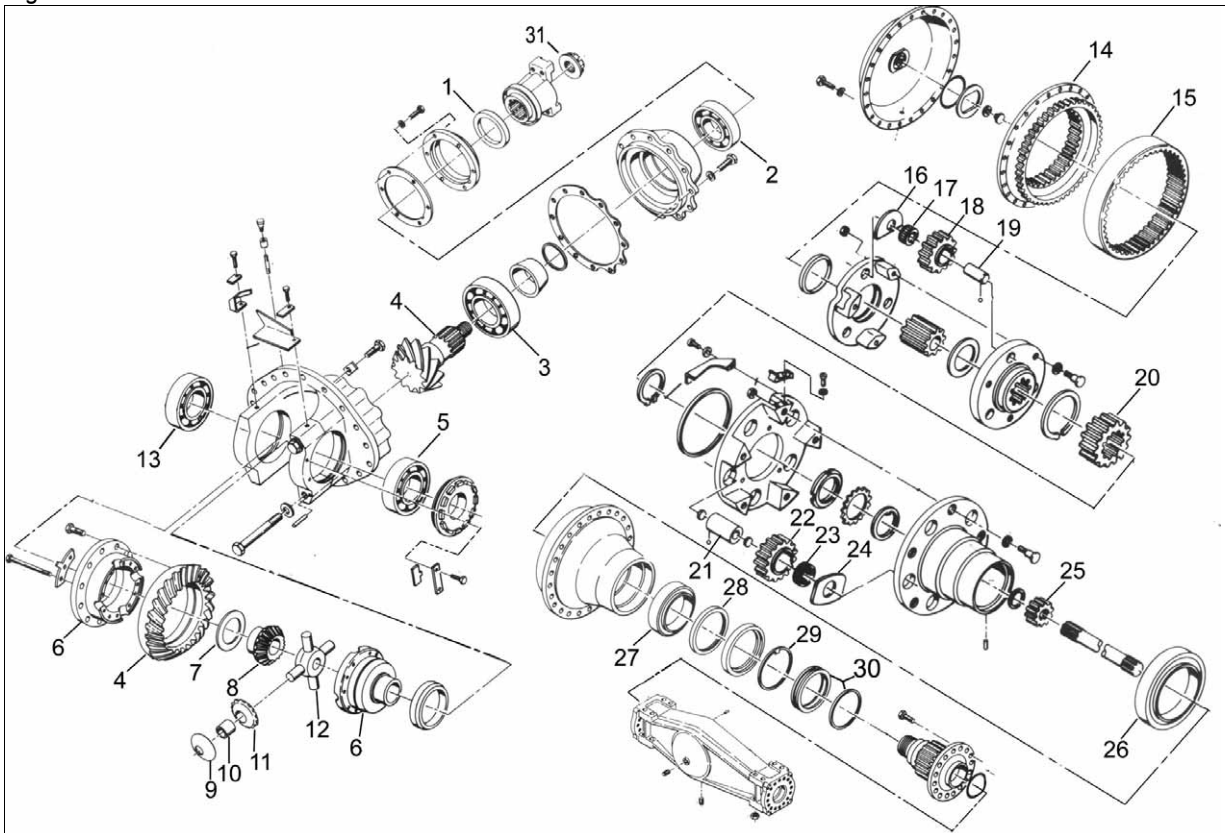


View	Part	Description
	01-6742NB	Asm, Diff Carrier (w/ needles, 14-21, 5, 23)
	01-6742B	Asm, New Diff Carrier (14-21, 5, 23)
	01-6705RM	Asm, Reman Diff (Fr)
	01-6704RM	Asm, Reman Diff (Rr)
	01-6742NSRM	Asm, Reman Diff Carrier w/No-Spin
	16-873B	Kit, No-spin (replaces 16, 17, 19-21)
1	16-1606B	Pin, Planet
3	16-1603B	Bearing, Caged Needle (20/axle)
4	16-1604B	Gear, Planet
5	16-1523B	Bearing, Tapered Roller
6	01-6728B	Bearing, Roller
7	01-6739B	Gear, Ring
8	16-1589B	Nut, Pinion
9	16-1582B	Bearing, Pinion
10	01-6749B	Bearing, Pinion
11	90-2509B	Seal, Pinion
12	01-6718B	Bearing Block, Splined
13	16-1602B	Gear, Sun
14	01-6743B	Differential Housing
16	16-1559B	Gear, Large Bevel
17	16-1560B	Spider
21	16-1561B	Gear, Small Bevel
22	01-6748B	Gear Set, Ring & Pinion (Fr)*
22	01-6747B	Gear Set, Ring & Pinion (Rr)*
23	01-6709B	Bearing, Tapered Roller
24	01-6711B	Bearing Block, Splined
26	01-6773B	Gear, Sun
26	01-6778B	Pin, Planet
27	01-7022B	Gear, Planet
28	90-8195B	Bearing, Caged Needle (20/axle)
29	01-7160B	Gear, Ring
30	01-7162B	Bearing, Tapered Roller
31	01-7163RM	Housing, Reman Wheel Hub
32	16-1532B	Bearing, Tapered Roller

Note: *Indicated parts on the Panther 1400 need to be replaced in both the front and rear differentials.

Raba K594.20/30

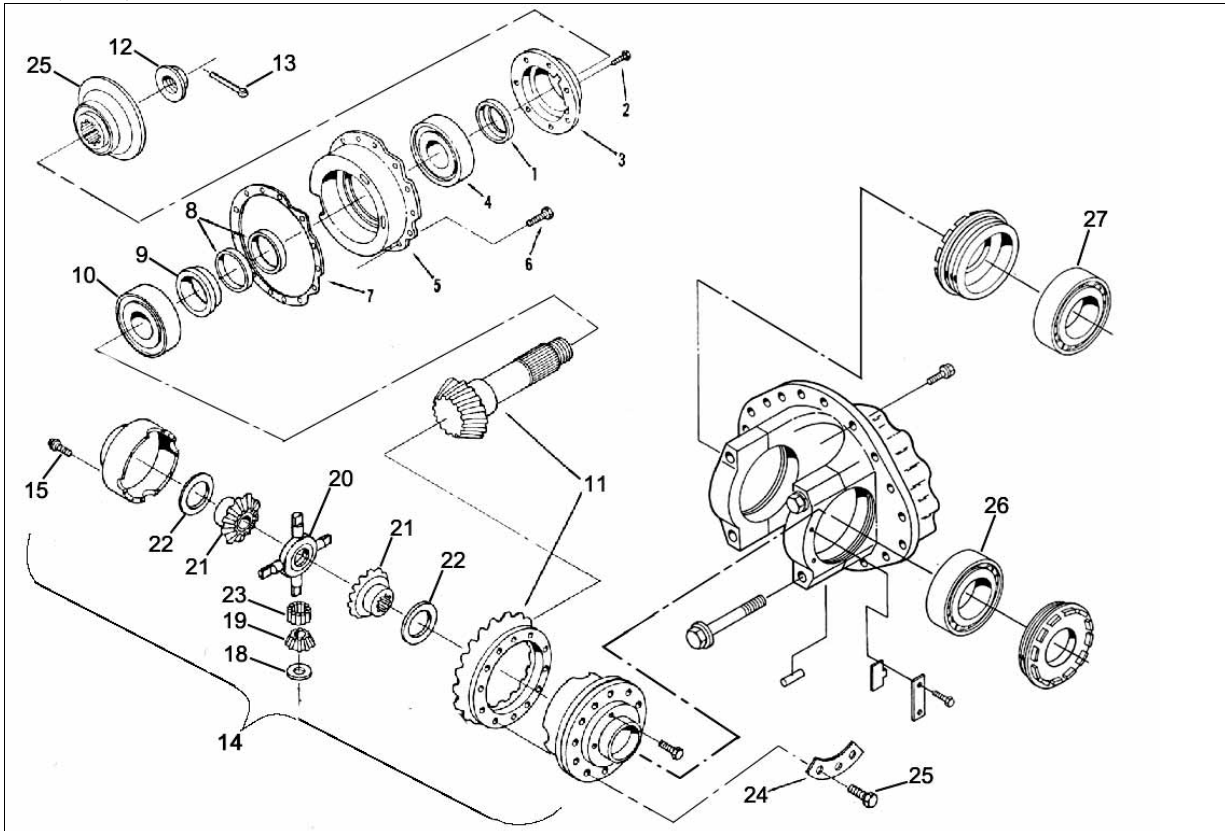
Tiger IV & 9190



View	Part	Description
	90-2568B	Asm, New Diff (Rr)
	16-873B	Kit, No-Spin (replaces 7-12)
1	90-2509B	Seal, Pinion
2	90-2505B	Bearing, Pinion
3	90-2483B	Bearing, Pinion
4	90-2480B	Gear, Ring/Pinion (Fr)
4	90-2481B	Gear, Ring/Pinion (Rr)
5	90-2519B	Bearing, Diff Carrier
6	16-1548B	Housing, Diff Carrier
7	16-1551B	Washer, Side
8	16-1559B	Gear, Side
9	16-1563B	Washer, Thrust (bevels)
10	16-1562B	Bushing
11	16-1561B	Gear, Bevel
12	16-1560B	Spider
13	16-1523B	Bearing, Diff Carrier
14	90-2556B	Gear, Ring (outer)
15	90-2557B	Gear, Ring (inner)
17	01-8340B	Bearing, Caged Needle (12/axle)
18	90-2566B	Gear, Planet
19	90-2567B	Pin (planetary)
20	90-2563B	Gear, Sun
21	90-2543B	Pin (planetary)
22	90-2542B	Gear, Planet
23	90-8195B	Bearing, Caged Needle (20/axle)
25	90-2537B	Gear, Sun
26	16-1535B	Bearing, Hub (outer)
27	01-7162B	Bearing, Hub (inner)
29	90-2531B	Ring
31	01-6764B	Nut, Pinion

Raba 694 Differential

9370, 9380, 9390

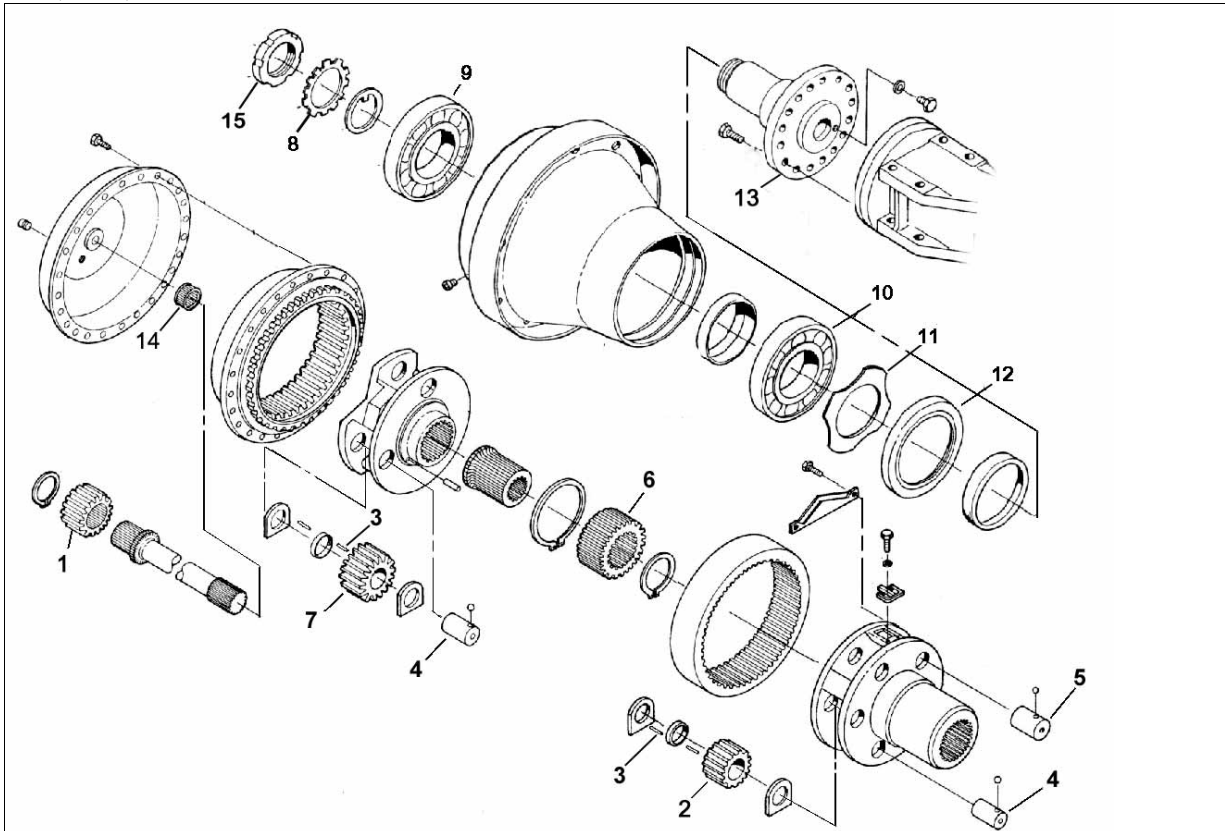


View	Part	Description
	90-8129RM	Asm, Reman Diff (Fr)
	90-8063RM	Asm, Reman Diff (Fr, w/Lmt Slip)
	90-8128RM	Asm, Reman Diff (Rr)
	90-8062RM	Asm, Reman Diff (Rr, w/Lmt Slip)
1	90-2509B	Seal, Pinion
4	16-1582B	Bearing, Pinion
10	16-1565B	Bearing, Pinion
11	90-8081B	Gear Set, Ring & Pinion (Fr)
11	90-8080B	Gear Set, Ring & Pinion (Rr)
12	16-1589B	Nut, Pinion
14	90-8370B	Asm, Diff Carrier (18-24, 26, 27)*
14	90-8074RM	Asm, Reman Lmt Slip Diff Carrier (plates not included)
19	90-7856B	Gear, Spider
20	90-8078B	Cross, Diff
21	90-8079B	Gear, Side
23	90-7870B	Bearing, Needle Rollers (29/gear)
26	90-8277B	Bearing, Carrier (119390A1B)
26	L35045B	Bearing, Cone (w/Lmt Slip)
26	L30842B	Bearing, Cup (w/Lmt Slip)
27	A48105B	Bearing, Carrier

Note: *Diff carrier is sold as a complete unit in order to ensure proper setup.

Raba 694 Final Drives

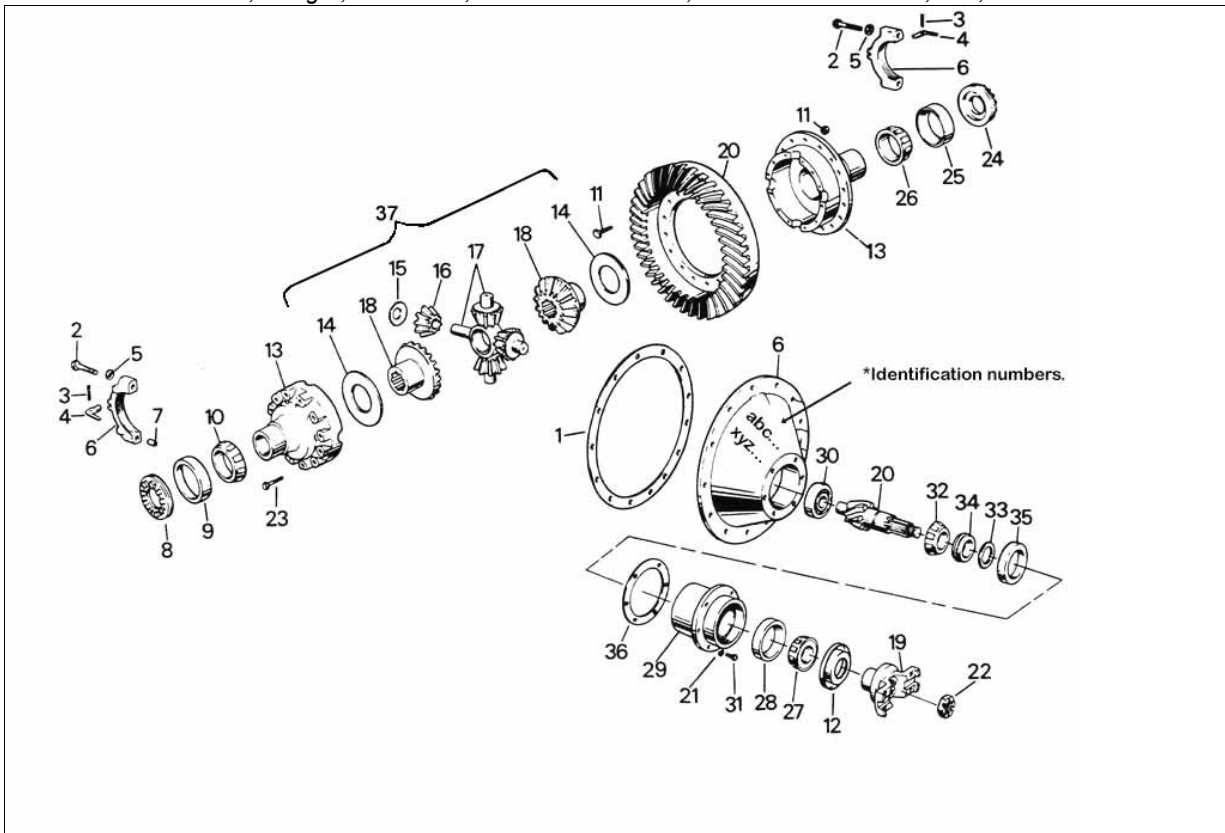
9370, 9380, 9390



View	Part	Description
	90-7804RM	Asm, Axle 694.60 (Fr, w/Lmt Slip)
	90-7802RM	Asm, Axle 694.62 (Rr, w/o Lmt Slip)
	90-7805RM	Asm, Axle 694.70 (Rr, w/Lmt Slip)
	90-7803RM	Asm, Axle 694.72 (Fr, w/o Lmt Slip)
	694003RM	Asm, Reman Final Drive
1	90-8101B	Gear, Sun
2	90-8122B	Gear, Planet
3	90-7832B	Bearing, Needle Roller (44/gear)
4	90-8065B	Pin, Planet (w/ lube hole)
5	90-8121B	Pin, Planet (w/o lube hole)
6	90-8114B	Gear, Sun
7	90-8111B	Gear, Planet
8	90-8094B	Washer, Tab Lock
9	90-8096B	Bearing, Cup/Cone (outer)
10	90-8098B	Bearing, Cup/Cone (inner)
11	90-8099B	Plate
12	90-5988B	Seal & Sleeve Assembly
13	90-8390B	Spindle, Axle (interchangable w/ 90-8090)
14	90-8105B	Plug, Axle Endplay
15	90-8093B	Nut

S-34/40 Differential and Carrier Assembly

Series III & IV: Bearcat, Cougar, Panther III, all Ford FW models, and VERSATILE 895, 935, & 950

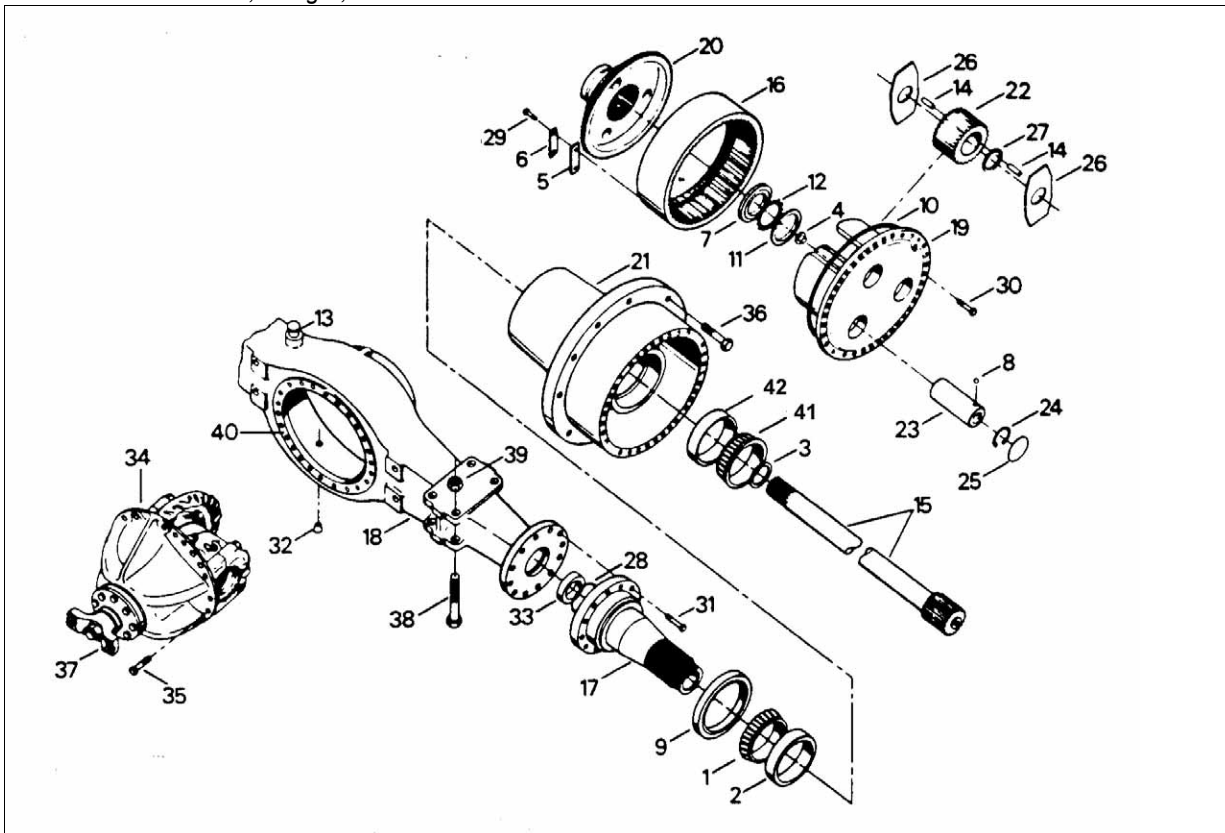


View	Part	Description
	98611-22	Asm, Carrier and Internals S-34 (items 13-18, 22 splines)
	98611-36	Asm, Carrier and Internals S-40 (items 13-18, 36 splines)
	90-1844RM	Asm, Reman Diff (Fr, 22 splines)
	90-1877RM	Asm, Reman Diff (Fr, 36 splines)
	90-1843RM	Asm, Reman Diff (Rr, 22 splines)
	90-1878RM	Asm, Reman Diff (Rr, 36 splines)
	S-9554B	Kit, Bearing and Seal
12	16-60B	Seal, Pinion
19	01-5513B	Yoke, Diff
20	01-2029B	Gear Set, Ring & Pinion (Fr)
20	01-2028B	Gear Set, Ring & Pinion (Rr)
37	01-4742B	Kit, NoSpin S-34 (22spl, 23120)
37	90-4045B	Kit, NoSpin S-40 (36spl, 23120)
37	35-1213B	Kit, S-34 Differential (22 splines, items 14-18)
37	35-1375B	Kit, S-40 Differential (36 splines, items 14-18)

Note: * Please record these 2 numbers to accurately identify your differential.

S-34 and S-40 Axles

Series III & IV: Bearcat, Cougar, Panther III and all Ford FW models

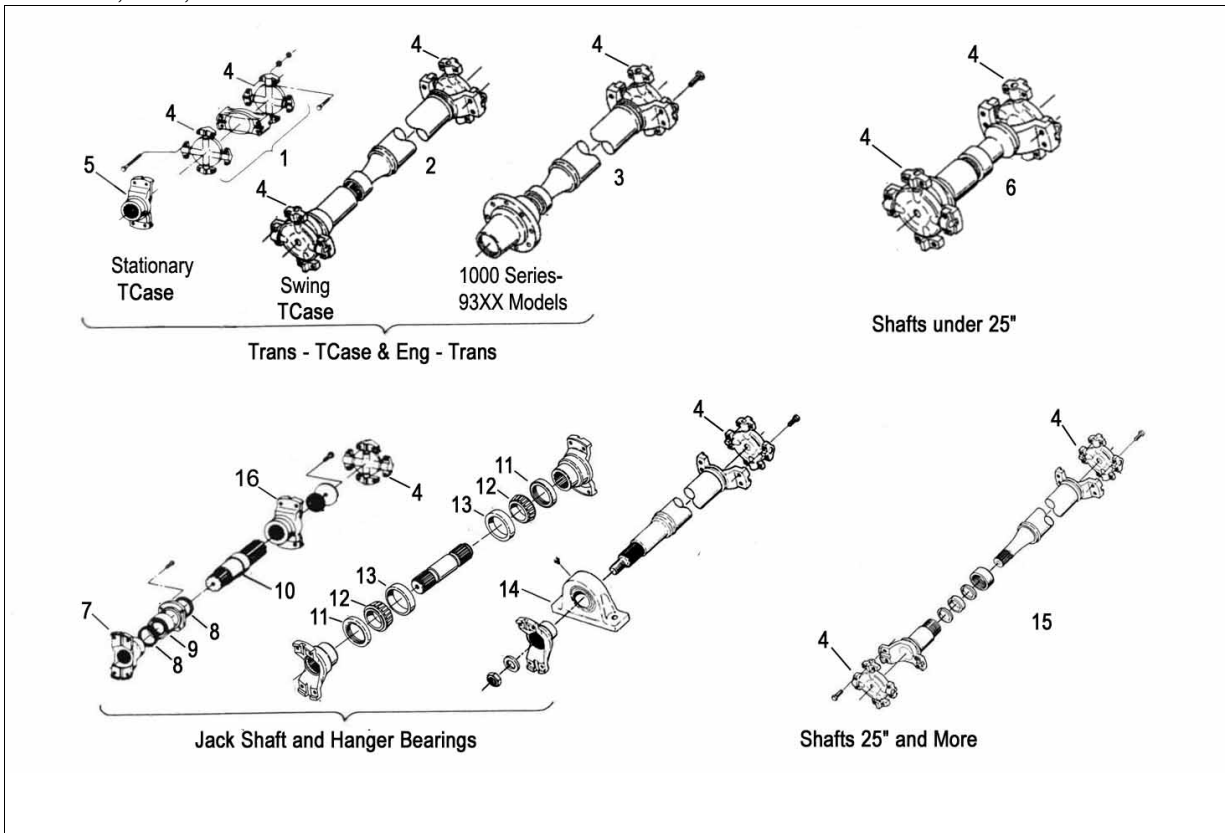


View	Part	Description
	S43405RM	Asm, Reman Final Drive (S-34, w/shaft)
	S43406RM	Asm, Reman Final Drive (S-40, w/shaft)
	90-4010RM	Asm, Reman S-34 Axle (Fr)
	90-4011RM	Asm, Reman S-34 Axle (Rr)
	90-2658RM	Asm, Reman S-40 Axle (Fr)
	90-2659RM	Asm, Reman S-40 Axle (Rr)
1	01-1357B	Bearing Cone*
2	01-1358B	Bearing Cup*
9	90-3839B	Seal
11	01-1349B	Nut, Spindle
12	01-1363B	Washer, Tab Lock
14	01-1354B	Bearing, Planetary Needle (48/gear)
15	01-1403B	Shaft, 22 Splines (S-34)
15	90-1820B	Shaft, 36 Splines (S-40 and a few Late S-34)
16	01-1400B	Gear, Ring
22	01-1399B	Gear, Planet
23	01-1353B	Pin, Planet
26	01-3093B	Plate, Thrust
41	16-755B	Bearing Cone (S-40 only)*
42	16-1206B	Bearing Cup (S-40 only)*

Note: *S-34 hubs each use 2 of view no. 1 & 2, but a S-40 hub uses only 1 of view no. 1 & 2 and then 1 of view no. 41 & 42.

U-Joints and Drive Shaft Hanger Assemblies

Series I-IV, 1000, and 9XXX:

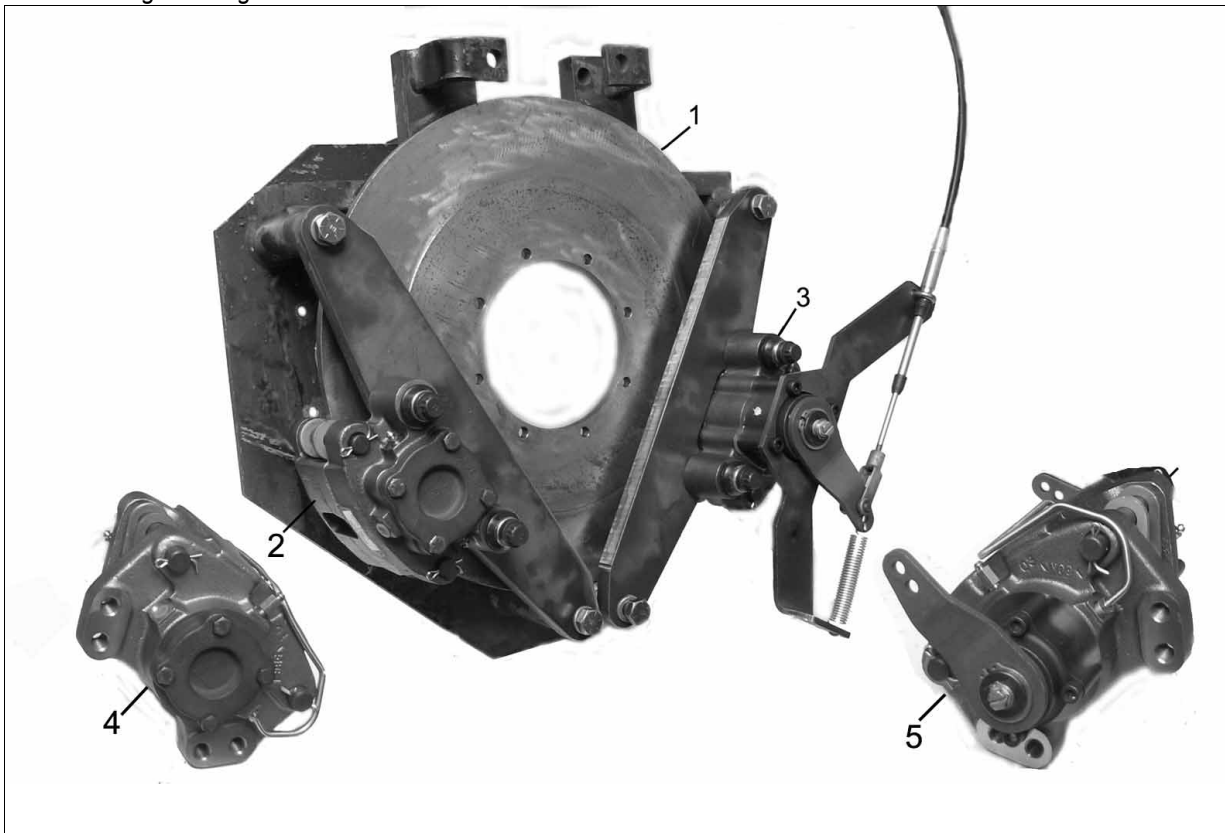


View	Part	Description
1	01-3249B	Shaft, Stub (5")
1	90-1050B	Shaft, Stub (7.5")
3	90-3707B	Asm, Drive Shaft (Tiger 525, 9190)
3	DVK006B	Kit, Driveshaft (9x10-40)**
3	DVK005B	Kit, Driveshaft (9x50/60)**
3	DVK004B	Kit, Driveshaft (9x70/80-9390)**
3	47-3188CNVB	Kit, Driveshaft Conversion (Tiger 3)*
4	17-201B	Ujoint
4	90-1538B	Ujoint (17-156, 2x drilled 2x threaded block)
4	431621A2B	Ujoint (1-9994, 4x drilled blocks)
4	90-5882B	Ujoint (4x drilled block, 9x50 & 9260)
4	90-1907B	Ujoint (WC/Puma, 9x10/9x30/9240)
5	02-1443B	Yoke, Allison Transmission
6	90-1902B	Driveshaft (17-140, 9170/80 cntr & 9370/80/90 Fr)
6	47-4250B	Driveshaft (Tiger3/4, 9190)
6	90-7376B	Shaft (9x70/80 Fr-PS, Rr-Sync)
6	01-3233B	Shaft Asm, TCase-CntrHng
7	01-3428B	Yoke, Center
8	14-153B	Seal, Jack Shaft
9	01-3430B	Bearing
10	01-3419B	Shaft, Jack
11	90-1322B	Bearing, Cup
12	90-1862B	Bearing, Cone
13	90-1934B	Seal, Jack Shaft
14	90-6537B	Hanger Bearing (91/9210-30, 9330)
14	451767A1B	Hanger Bearing (9270-80, 9370-90)
14	409684A1B	Hanger Bearing (BC/Coug 1000, 9150, 9240-60, 9350)
14	47-4231B	Hanger Bearing (Tiger 3)
15	DVK002B	Kit, Driveshaft (9x70/80 Fr/Rr shafts)
15	DVK003B	Kit, Driveshaft (Ser2-3 BC/WC, 92/9310-40)
15	DVK001B	Kit, Driveshaft (Ser3-9x50/60 Fr/Rr)
16	01-2209B	Yoke, Output (hanger)

Note: *This is a new shaft that needs to be purchased with Detuner #378758A2, call us for details. ** BTP can make any Eng-Trans shaft that you need.

Caliper Style Brake Assembly

Series II Steiger through 9300 and Late Model Versatile

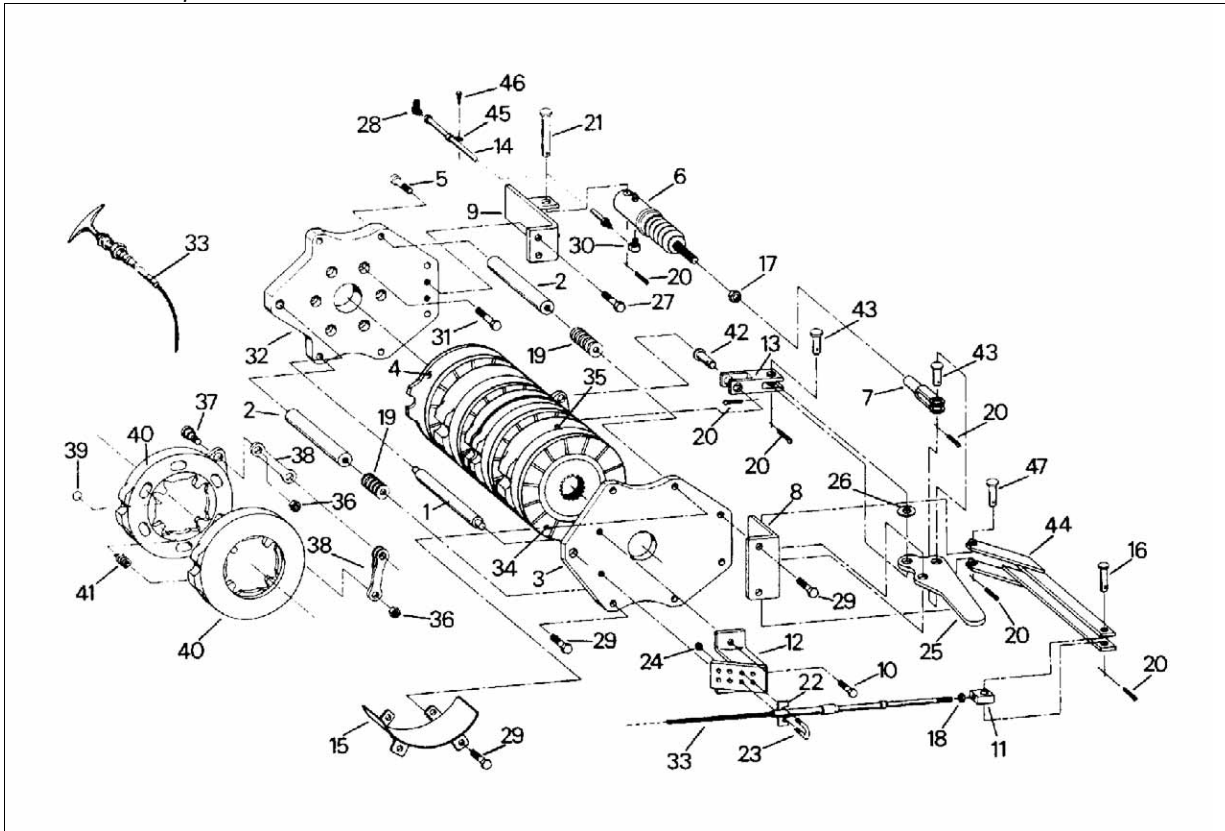


View	Part	Description
	01-6046B	Caliper, Brake Assembly...N/A (See 01-6046STKIT)
	47-3438B	Disk, Brake (SIII Tiger 450/470)
	C13-12013KIT	Kit, Caliper Rebuild (piston, seal, boot, #2&3)
	90-7651B	Kit, Caliper Rebuild (piston, seal, boot, 2/caliper)
	V53902B	Kit, Early Caliper Seal (2/caliper)
	98-135SEAL	Kit, Mounting Boot & Oring Seal (use on #2&3)
	86000350KIT	Kit, Piston Seal & Boot (use on #2-5)
	90-7506B	Pad Set, Brake
	01-6047B	Pad Set, Brake (set, V19613)*
	01-6047STB	Pad Set, Brake (use with #2&3, 1/caliper)
	A46967B	Piston, Early Style (2/caliper)
1	55-135B	Disk, Brake
2	01-6046STKIT	Kit, Brake Caliper Asm w/ brackets & hardware**
3	01-6046STRPKIT	Kit, Brake Caliper Asm w/ park, brackets, & hardware**
4	90-7649B	Caliper, Brake Asm w/o Park (call for application)
5	90-8368B	Caliper, Brake Asm w/ Park (cw, call for application)
5	90-1352B	Caliper, Brake Asm w/ Park (cw, call for application)
5	9705813B	Caliper, Brake Asm, w/ Park (ccw, call for application)
5	90-1993B	Caliper, Brake Asm, w/ Park (ccw, call for application)

*These pads are for the obsolete brake caliper. **The original aluminum body caliper may no longer be available, a mounting kit is sold with a new style caliper as well as all the hardware/fittings needed for the optional park brake caliper, call for details.

Multi-Disc Brake Group

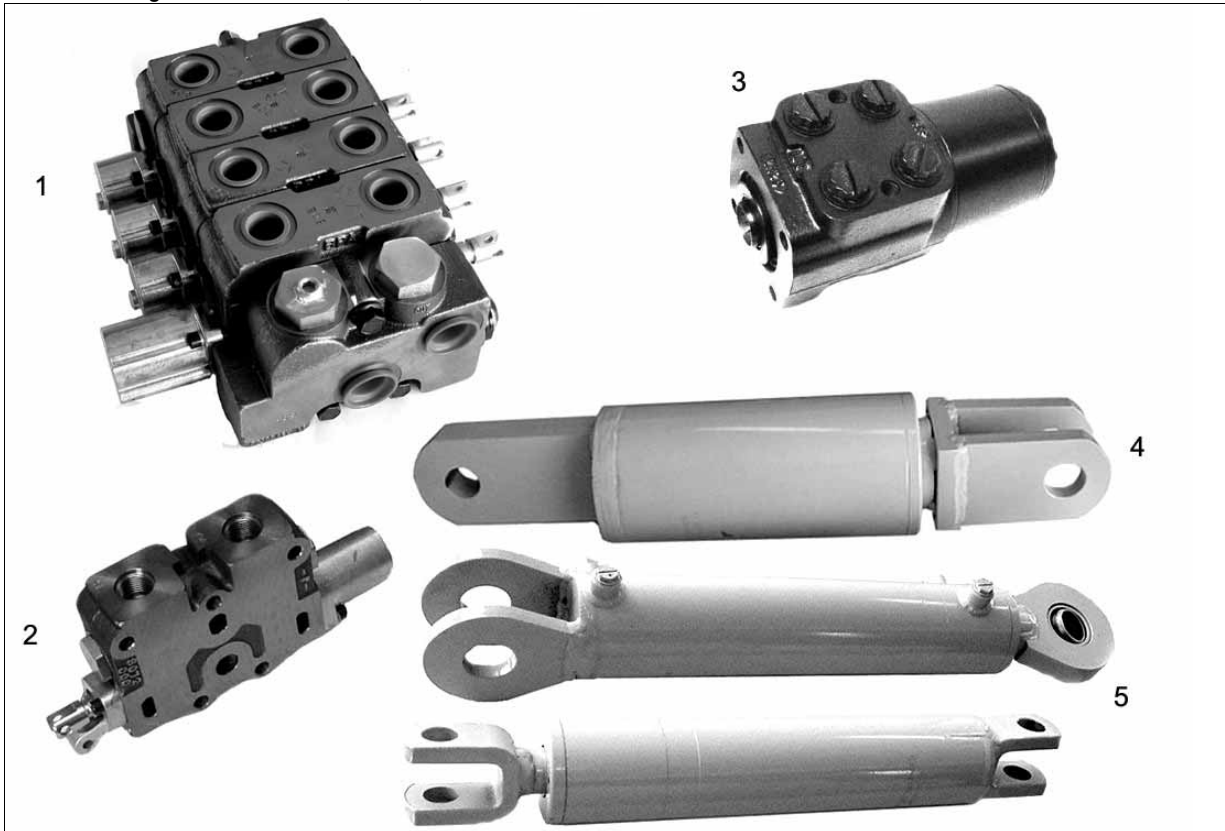
ST Ser III w/20 speed and PT/PTA Series III



View	Part	Description
3	01-3715B	Plate, Outside Brake (Stationary T-C Only)
4	90-2889B	Plate, End (1/tractor)
32	01-3361B	Cover, Brake-Bearing (Stationary T-C Only)
34	01-4668B	Plate, Brake (4/tractor)

Hydraulic Components

Series I through IV and IH 43XX, 45XX, & 47XX models



View	Part	Description
	35-1059B	Kit, Valve Seal (1/valve section)
1	18-460SSB	Valve Bank Asm, Hydraulic (1 float, 1 sprng cntr)
1	50-1398SSB	Valve Bank Asm, Hydraulic (1 float, 2 sprng cntr)
1	50-1398B	Valve Bank Asm, Hydraulic (1 float, 2 w/detent)
1	50-1396B	Valve Bank Asm, Hydraulic (1 float, 3 w/detent)
1	50-1397B	Valve Bank Asm, Hydraulic (1 float, 4 w/detent)
1	50-1397SSB	Valve Bank Asm, Hydraulic (1 float, 4 w/spring center)
1	50-1396SSB	Valve Bank Asm, Hydraulic (1float, 3w/spring center)
2	50-1981MDB	Valve, Hydraulic (Manual Det)
2	50-1981SSB	Valve, Hydraulic (spring center, w/o float)
2	50-1981B	Valve, Hydraulic (w/detent)
2	50-1979B	Valve, Hydraulic (w/float)
3	50-3615B	Steering Control Valve (01-9556)
3	146605B	Steering Control Valve (43-4566/68)
3	17-7283A1B	Steering Control Valve (Series II: 18-006)
4	50-1058B	Cylinder, 3pt Lift (2.5" rod)
4	01-4194B	Cylinder, 3pt Lift (Large Frame Ser II/III & IV) USE 50-1058B
5	18-1148B	Cylinder Asm (2-2119; WC, BC, IH 43/45/4786, 4366, & 4568)
5	18-1147B	Cylinder Asm (71342C92; Ser I/II C, P, and T)
5	50-2141B	PT Series III Cylinder Asm (9-14)
5	50-2589B	ST Series III Cylinder Asm (9-14)

Pumps & Pump Drives

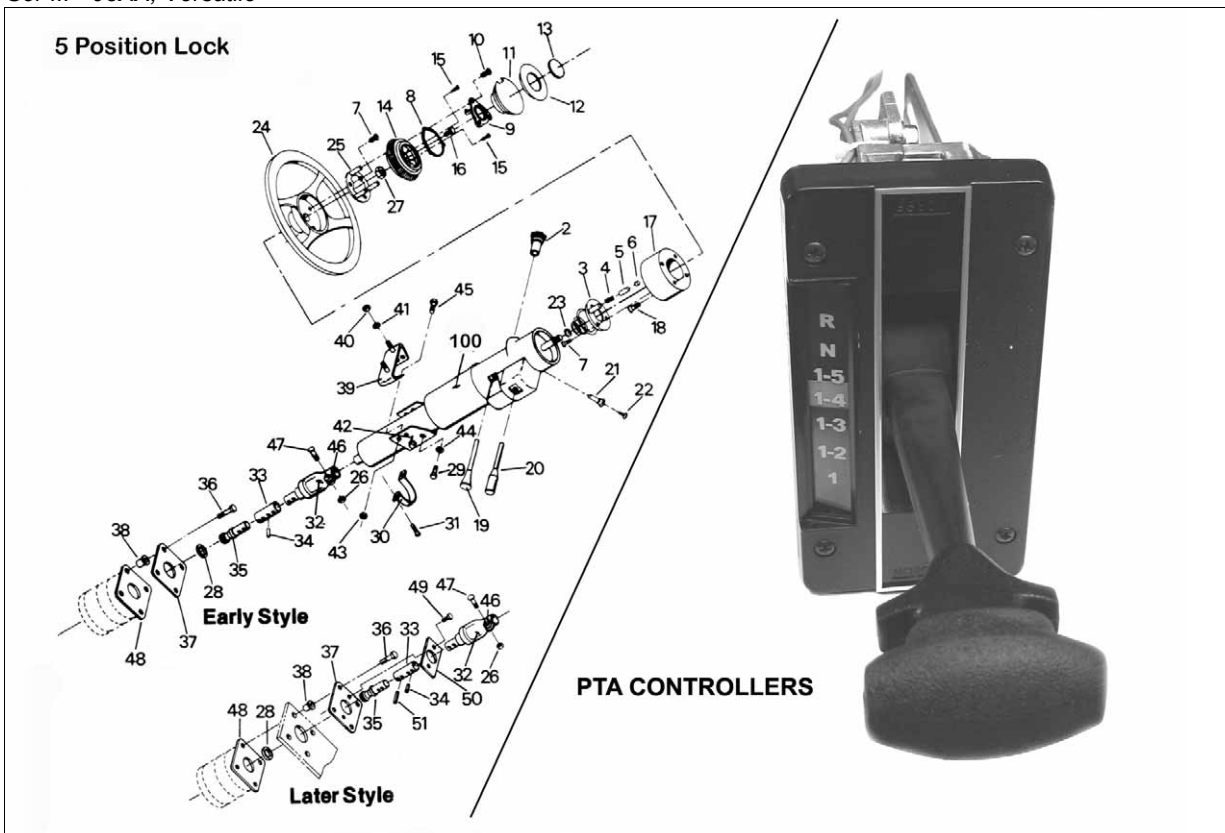
Series I through 9XXX Steigers



View	Part	Description
1	50-1852B	Pump (3406 HD)
1	18-1629B	Pump (brass fittings inc, PIII/ST350 w/903)
1	18-1508B	Pump (Cat 3208, WC III, ST/RC210)
1	18-1415B	Pump (Cat 3208; Ser I & II BC and WC)
1	18-979B	Pump (Cat 3306; Cougar II)
1	50-1298B	Pump (Cat 3306; Ser III ST & PT225/250/270, & PTA 270)
1	50-1075B	Pump (Cat 3406, Ser III ST280/325 & PTA325)
1	50-3555B	Pump (Cummins 855; PII, Ser III ST220, ST&PTA251/280/310)
1	50-2095B	Pump (SIV Models w/ L10 engine)
1	18-582B	Pump (TII, 4bolt)
1	50-3239B	Pump, Charge (used w/50-1452)
1	2084564B	Pump, Hydraulic (AC 440)
1	50-3518B	Pump, Implement (Cummins 855; PII)
1	90-3911B	Pump, Lube (KS/CS w/3406 & TigerIV-9190)
1	S8000S00B	Pump, Lube (no adapter kit needed)
1	90-2723B	Pump, Lube (Ser 4, CA & CU)
1	90-3249B	Pump, Lube (Twin Disc, CP/KP 1325,1360,1400)
1	50-3547B	Pump, Piston (93XX)
1	50-1452B	Pump, Piston (late 1000 ser & early 91XX)
1	90-1058B	Pump, PTA Lube (3406)
1	50-1123B	Pump, PTA Lube (855)
2	90-5728B	Drive, Pump (CR/KR models)
3	20-2592B	Drive, Pump (Industrial models)
4	212784B	Coupler, Pump Drive (Cummins 855)
5	PDRV02NW	Front Mount Pump Drive (AC 440)
5	PDRV01NW	Front Mount Pump Drive (Cat 3208; Ser I-II BC/WC)

Steering Columns & PTA Controllers

Ser III - 93XX, Versatile

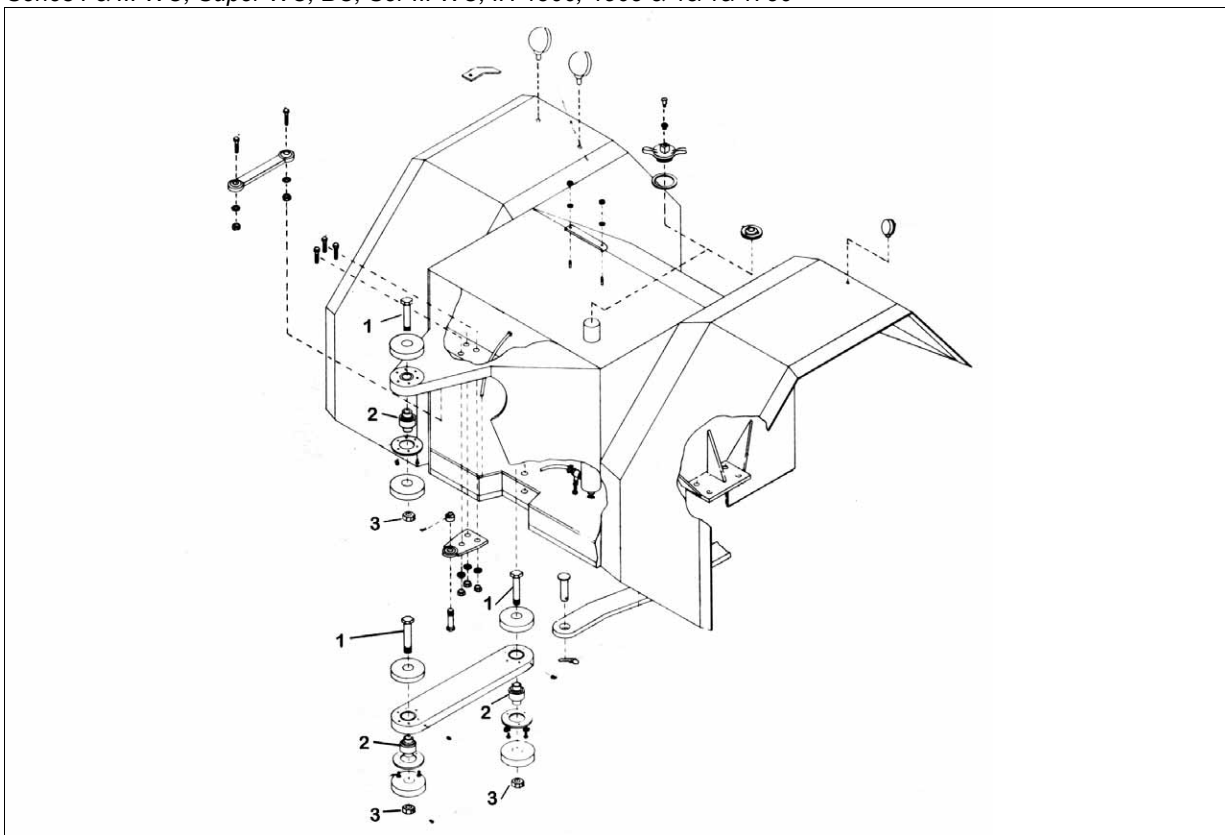


View	Part	Description
	2-1761KIT	Controller, PTA Transmission Shift (4spd)
	60-1185KIT	Controller, PTA Transmission Shift (5spd)
100	18-1606B	Steering Column (Early ST Series III)*
100	01-7630B	Steering Column (V58171)

Note: *Early series columns (item #101) come with an adapter kit to update to the new style column, which is included in the price of the column.

Series I&II Small Frame Hinge

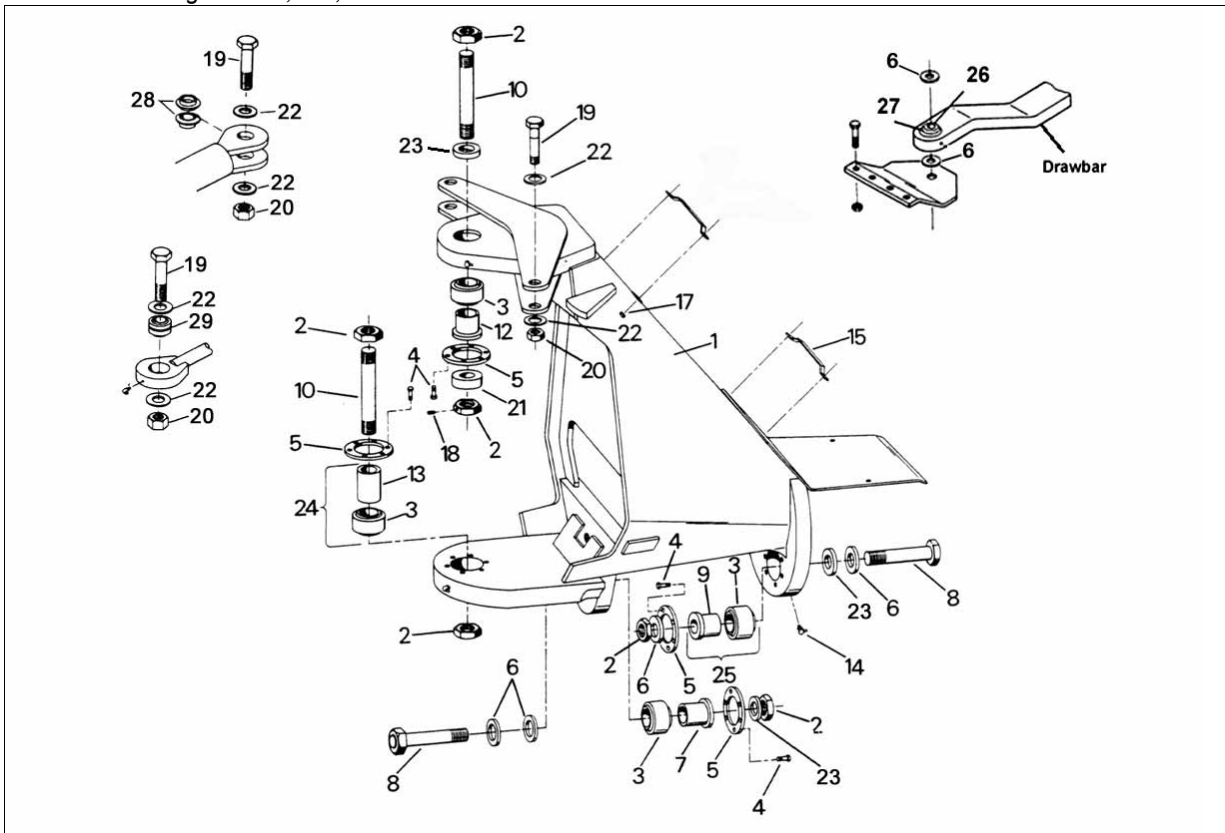
Series I & II: WC, Super WC, BC, Ser III WC, IH 4366, 4568 & 43/45/4786



View	Part	Description
1	05-375B	King Pin (qty. 3)
2	70-5468B	Bearing (qty. 3)
3	02-017B	Nut, King Pin (qty. 3)

ST Large Frame Hinge

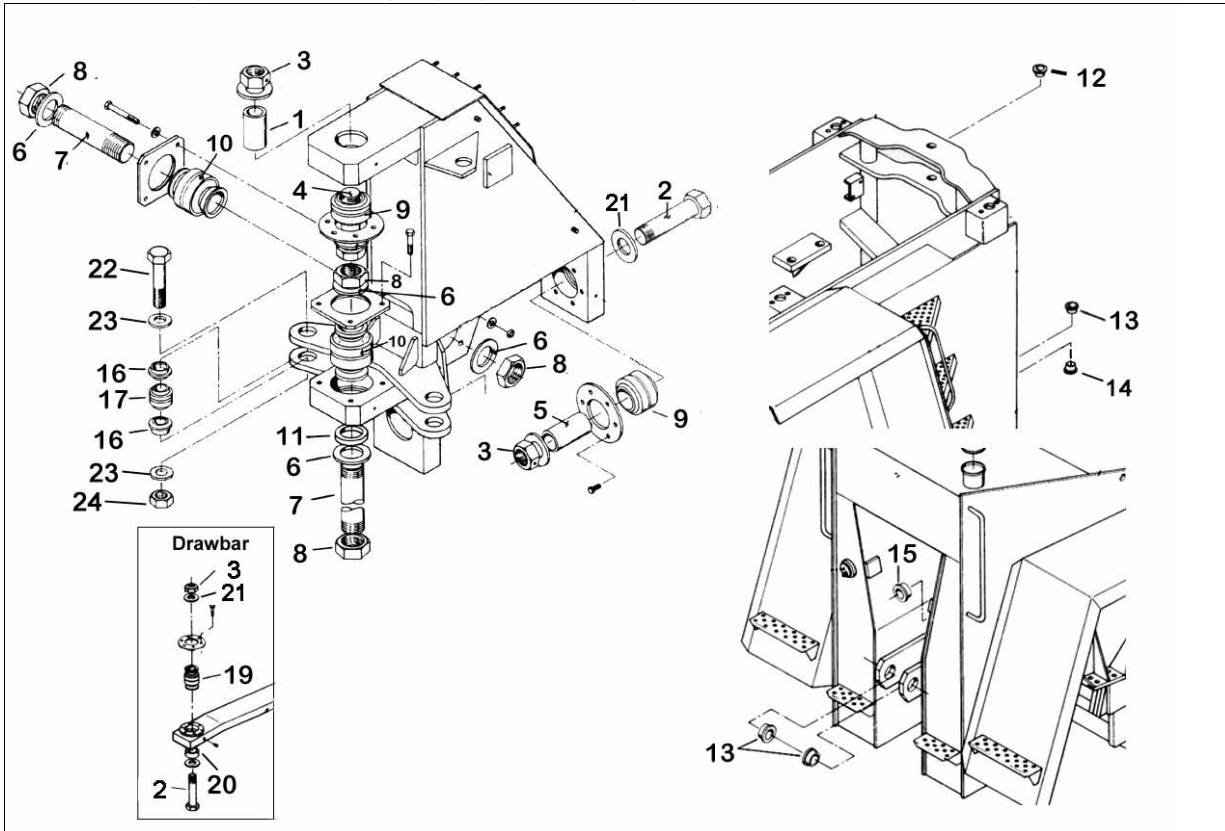
ST Series I through IV CM, KM, & SM



View	Part	Description
	CYK002B	Hinge Kit (20 pieces, items 2,3, 7-10, 12, & 13)
2	02-017B	Nut, King Pin (8/kit)
3	15-040B	Uniball (4/kit)
5	42-3B	Retainer
6	01-4088B	Washer (4/tractor BSN 2000, 3/tractor ASN 2000)
7	70-2446B	Bushing (1/kit)
8	52-070B	King pin (2/kit)
9	52-046B	Bushing (1/kit)
10	52-042B	King pin (2/kit, Pin only)
12	52-122B	Bushing (1/kit)
13	52-029B	Bushing (1/kit)
19	19-915B	Bolt (2/cylinder)
20	19-916B	Nut (2/cylinder)
21	51-060B	Spacer (1/Center Hinge)
22	19-938B	Washer (4/cylinder)
23	52-121B	Spacer (3/Center Hinge)
26	40-140B	Uniball (1/Drawbar)
27	40-139B	Uniball housing (2/Drawbar)
28	52-130B	Bushing (4/cylinder)
29	15-044B	Uniball, Steering (2/cylinder, 70-5517)

PT/PTA Hinge

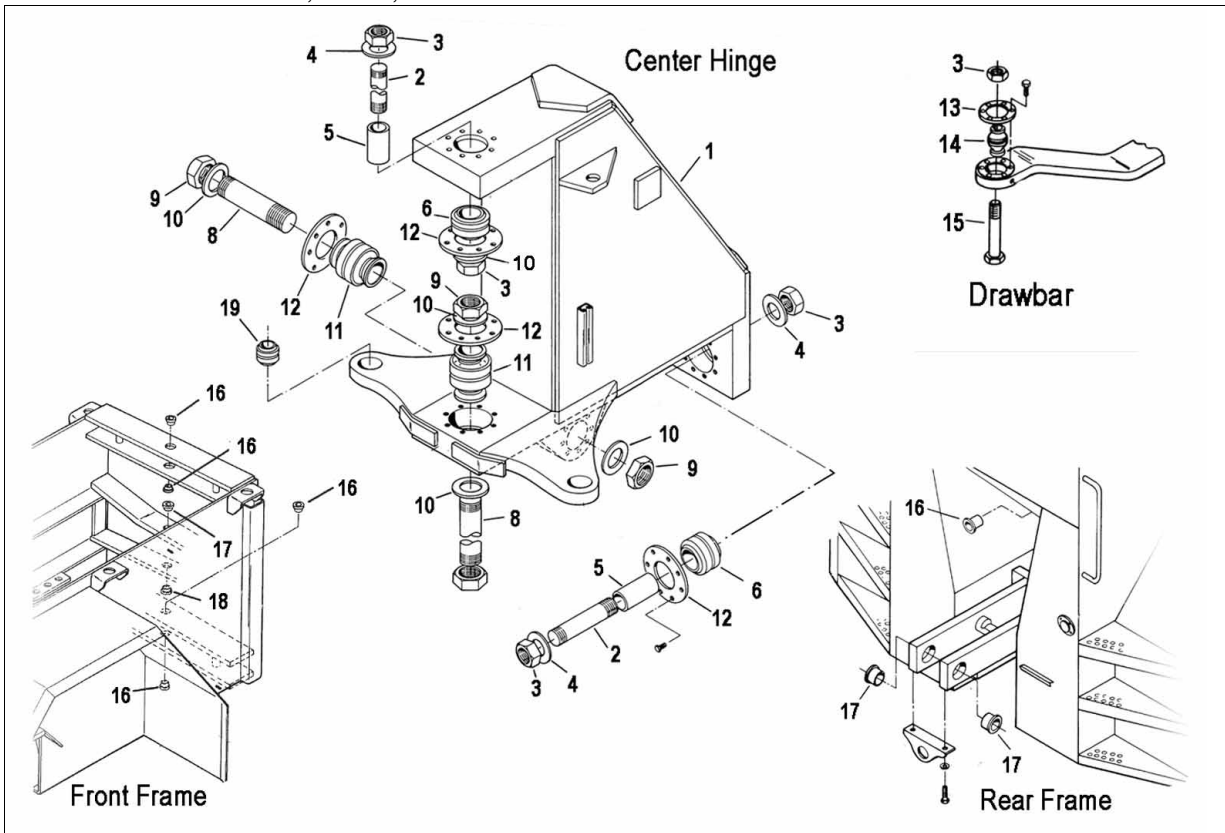
Series III: PT/PTA, Ford FW Models, CS, KS, Series IV CA, and CU Industrial



View	Part	Description
	CYK005B	Hinge Repair Kit (items 1-11, 21 pieces)
1	01-4163B	Spacer (1/Kit)
2	01-4087B	King pin (1/Kit; 1/Drawbar)
3	02-017B	Nut, King Pin (2/Kit; 1/Drawbar)
4	52-070B	King Pin (1/Kit)
5	01-3435B	Spacer (1/Kit)
6	01-3966B	Washer (4/Kit)
7	01-3967B	King pin (2/Kit)
8	01-3968B	Nut, King Pin (4/Kit)
9	15-040B	Uniball (2/Kit)
10	01-3965B	Uniball (2/Kit)
11	01-7208B	Spacer (1/Kit; 1/Rr Frame)
12	01-4086B	Bushing (4/Fr Frame)
13	01-3884B	Bushing (1/Fr Frame, 2/Rr Frame)
14	70-1029B	Bushing (1/Fr Frame)
15	01-3206B	Bushing (2/Rr Frame)
16	52-130B	Bushing (4/Cylinder)
17	15-044B	Uniball (2/Cylinder, 70-5517)
19	70-5468B	Uniball (15-45, Drawbar)
20	01-4089B	Spacer (1/Drawbar)
21	01-4088B	Washer (4/Center Hinge, 2/Drawbar)
22	19-915B	Bolt (2/cylinder)
23	19-938B	Washer (4/cylinder)
24	19-916B	Nut (2/cylinder)

Tiger Hinge

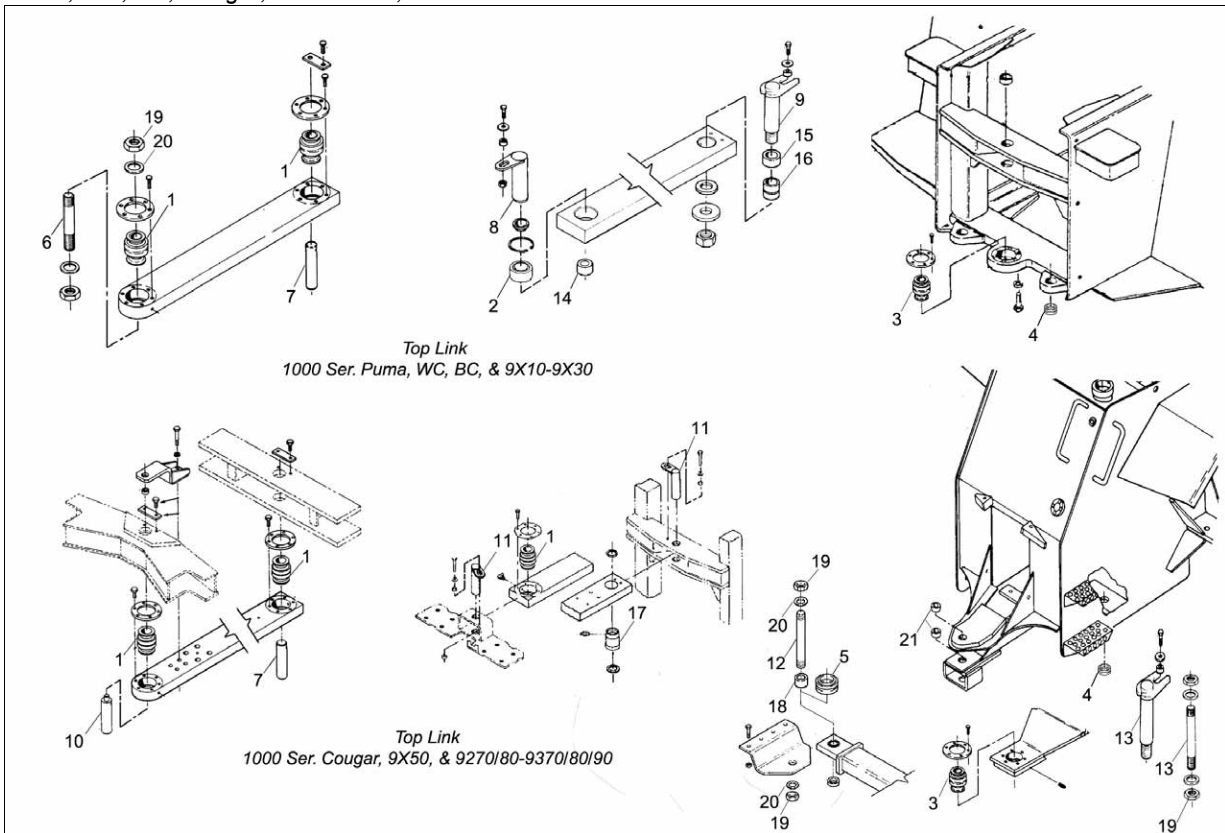
Series III & IV ST450/ST470, KP525, and 9190



View	Part	Description
	CYK006B	Kit, Center Hinge (22 pieces)
2	52-42B	King Pin (2/kit, Pin only)
3	02-017B	Nut, King Pin (4/kit, 1/Drawbar)
4	01-4088B	Washer (4/Center Hinge)
5	47-3016B	Spacer (2/kit)
6	47-3486B	Uniball (2/kit)
8	01-3967B	King Pin (2/kit)
9	01-3968B	Nut (4/kit)
10	01-3966B	Washer (4/kit)
11	01-3965B	Uniball (2/kit)
12	47-3017B	Retaining Ring (4/Center Hinge)
14	70-5468B	Uniball (15-45, 1/Drawbar)
15	52-070B	King Pin (1/Drawbar)
16	47-3015B	Bushing (4/Frt Frame, 2/Rr Frame)
17	01-3884B	Bushing (1/Fr Frame, 2/Rr Frame)
18	70-1029B	Bushing (1/Fr Frame)
19	15-044B	Uniball (1/Cylinder, 70-5517)

1000 & 9XX0 Series Small Frame Hinge

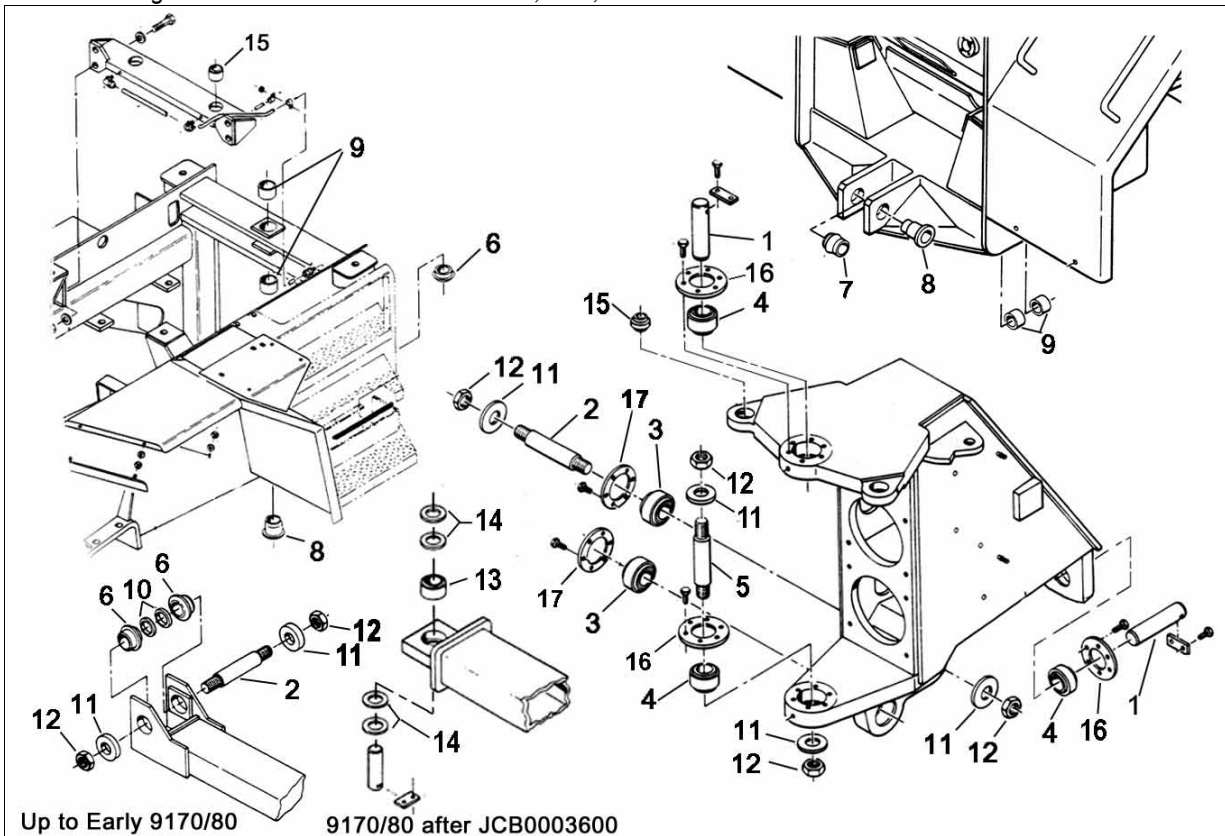
Puma, WC, BC, Cougar, 9X10/30/50, & 9370/80/90



View	Part	Description
1	70-5468B	Uniball (15-45)
2	D3NN4N132B	Uniball, Top Link Connector (92xx-93xxx)
3	R37021B	Uniball
3	70-5468B	Uniball, Lower Frame Connector
4	15-044B	Uniball
5	D3NN4N132B	Uniball, Drawbar
6	70-4662B	Pin
7	70-4189B	Pin (call for avail)
12	70-3137B	Pin
12	70-4189B	Pin (call for avail)
13	70-4662B	Pin (lower link)
19	02-017B	Nut
20	01-4088B	Washer
21	70-4621B	Bushing, Frame

1000 & 91X0 Series Large Frame Hinge

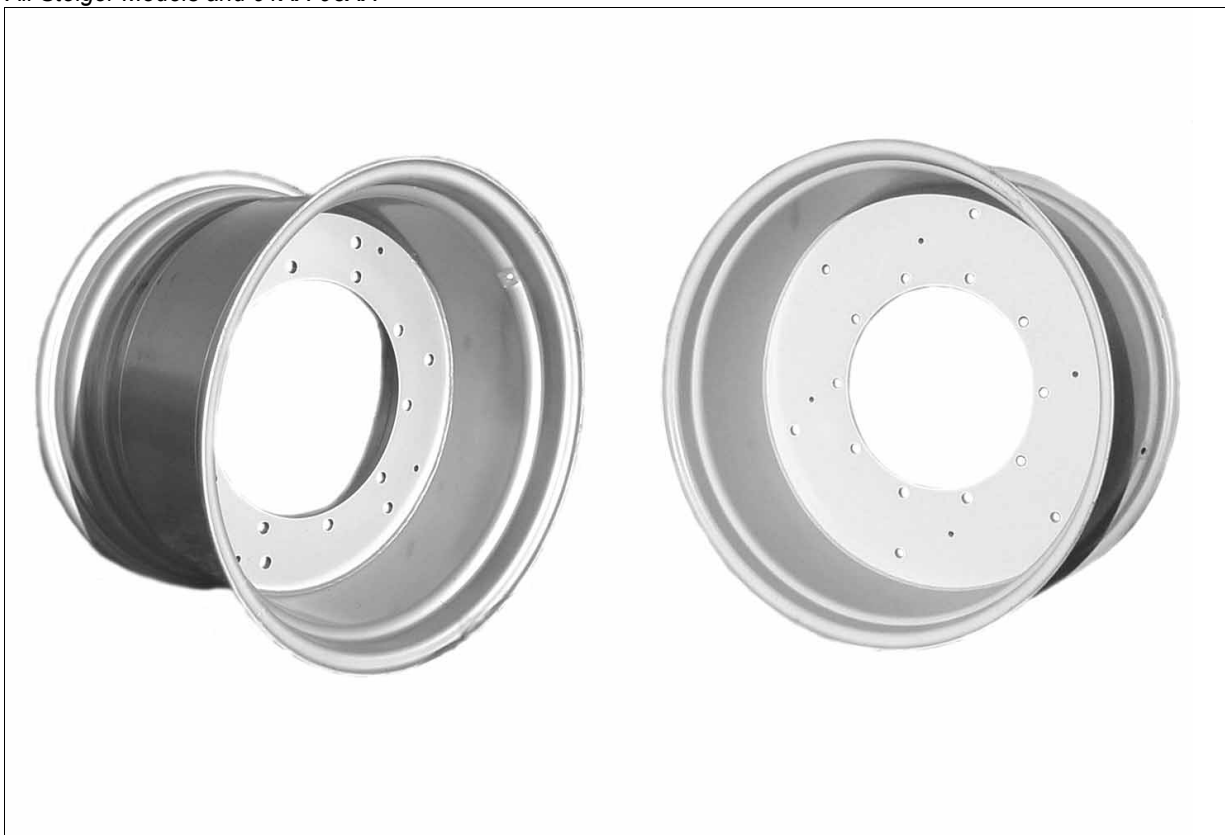
1000 Ser Steiger CP/KP 1325/1360/1400/Panther, Lion, and 9170/80



View	Part	Description
	CYK008B	Frame Kit, Bushings and Retainer Plates (Kit B, 13 pieces)
	CYK007B	Hinge Kit, Center Yoke Pins and Uniball (Kit A, 16 pieces)
1	70-1909B	King Pin (2/Kit A)
2	70-1206B	King Pin (1/Kit A)
3	70-1212B	Uniball (1/Kit A, 1/drawbar)
4	D51018B	Uniball (3/Kit A, 15-7, 619773C91)
5	70-1207B	King Pin (1/Kit A)
6	70-2733B	Bushing (70-1209T1, 1/Kit B, 2/drawbar)
7	70-1208B	Bushing (1/Kit B)
8	70-1210B	Bushing (2/Kit B)
9	70-1242B	Bushing (4/Kit B)
10	70-2542B	Spacer (2/drawbar)
11	19-5636B	Washer (4/Kit A)
12	19-5641B	Nut, Lock (4/Kit A)
13	D3NN4N132B	Uniball (613524C91)
15	15-044B	Uniball (Steering Cylinder, 4/tractor, 70-5517)
16	70-1428B	Plate, Retainer (uniball, 3/Kit B)
17	70-1429B	Plate, Retainer (uniball, 2/Kit B)

Rims

All Steiger Models and 91XX-93XX

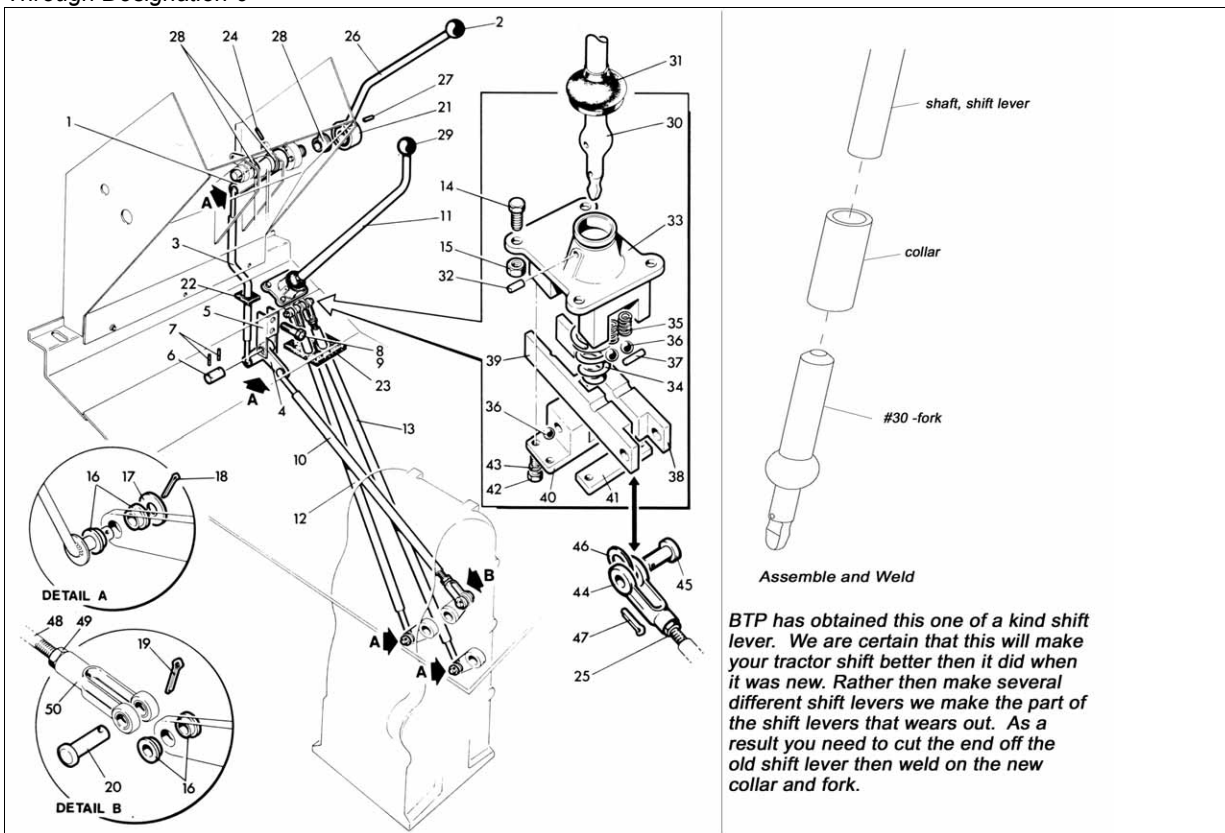


View	Part	Description
	30-1523B	Rim, Driver 18.4x38 (16")
	30-1123B	Rim, Driver 20.8x34 (18")
	30-1526B	Rim, Driver 20.8x38 (18")
	30-1535B	Rim, Driver 20.8x42 (18")
	30-1516B	Rim, Driver 23.1x34 (20")
	30-1501B	Rim, Driver 24.5x32 (21")
	30-1013B	Rim, Driver 30.5x32 (27" 20-294)
	30-1538B	Rim, HD Tiger Dual 20.8x42 (extra reinforced rim)
	30-1539DST	Set, Tiger 4x Driver & 4x Dual Rims 20.8x42 (bolts included)
	30-1539TRST	Set, Tiger 4x Driver & 8x Triple Rims 20.8x42 (bolts included)

Note: All rims have a 3/4" center plate, which is heavier than original rim. Specify color for accurate quote and availability. Custom size spacers, duals, Tiger style rims, and triples are also available, call for quote.

Versatile Shift Lever

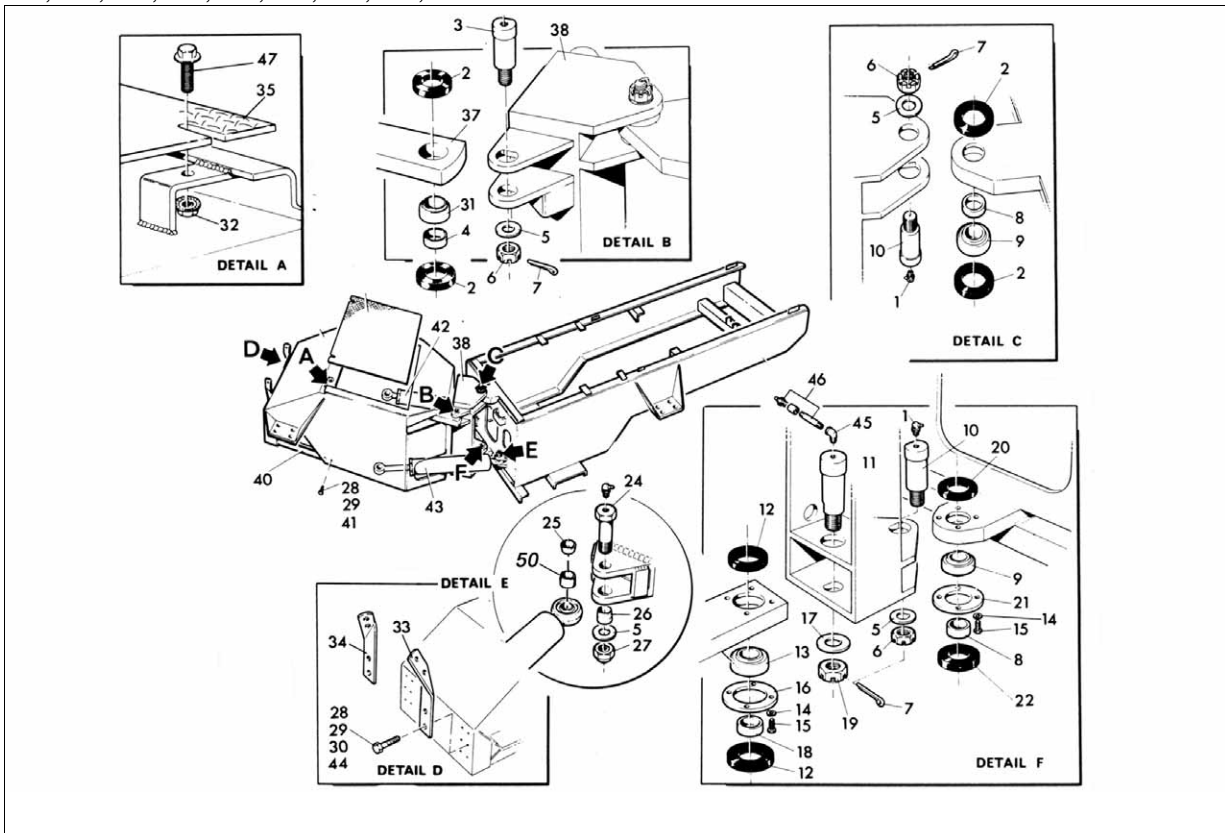
Through Designation 6



View	Part	Description
30	SL001VB	Lever, Shift
38	V69763B	Rail, Shift

Versatile Hinge/Steering Parts

700, 750, 800, 850, 835, 855, 875, 900, 950



View	Part	Description
	V60955B	Bushing, Drawbar (V15195)
2	V15193B	Seal (x10)
3	V14512B	Pin (x4)
4	V14522B	Spacer (x4)
6	V100T217B	Nut, Slotted (x6)
8	V14346B	Spacer (x2)
9	86000739B	Bearing, Pivot Pin (x2)
10	V14344B	Pin, Pivot (x2)
11	V14347B	Pin, Oscillation (x1)
12	V15194B	Seal (x2)
13	V14351B	Bearing, Oscillation (x1)
18	86015998B	Spacer (x1)
19	V84698B	Nut, Slotted (x1)
20	V201T113B	Seal (x1)
22	V100T172B	Seal (x1)
24	V23692B	Pin, Steering Cylinder (x4)
25	V23595B	Spacer, Upper (x4)
26	V23632B	Spacer, Lower (x4)
27	V301184B	Nut (x4)
31	D3NN4N132AB	Bearing, Drag Link (x4)
50	V18125B	Bearing, Steering Cylinder (x4)

Warranty/Return Policy:

1. 500hr/1year warranty on all new and remanufactured components and assemblies provided that the items were installed/maintained properly and used in normal operation conditions, a more detailed warranty statement will be provided upon requires.

Used parts are guaranteed to be in good working condition and can be returned for replacement or refund up to 10 days after the date of purchase, refunds will not be issued unless BTP determines that the part is defective.

Warranties do not apply to used parts.

2. Please provide BTP with a copy of your invoice and contact us prior to shipment of items.
3. Follow our shipping/freight instructions closely to avoid further charges.
you could be responsible for the extra shipping charges should you not follow our instructions.
4. Returns will be accepted for any reason (unless the item has been installed or used in any way), however you will be responsible for all return shipping fees. No reimbursement or credits will be issued until the items are received. If the items are returned to BTP damaged you may be responsible. Therefore you should utilize any insurance options that are made available by the shipping carrier.

Freight Instructions: (excluding international, AK, and HI customers)

Items over 140lbs

BTP has negotiated for freight discounts. As a result all new and remanufactured hubs, differentials, axles, transmissions, and transfer cases are quoted with the cost of shipping to the customer. Furthermore many of those assemblies include the cost of shipping the core to us. The following information describes how you should complete the shipping forms regardless if BTP is assuming the cost of shipping.

Use the shipping companies listed below.

Do not select "Freight Collect" unless specifically requested by BTP.

Enter the following information into the "Description of Articles".

Describe the item as a "core exchange" and then include relevant assembly description such as "differential", "hub", "transmission", or "transfer case".

Classify the items as shown below for each carrier.

Midwest Motor Express (toll free:800-741-4097, fax: 701-224-1894)
"RVNX 10¢/lb, USED PARTS CLASS 50"

You are responsible for finding a pallet or crate in good condition and properly securing the items.

Items under 140lbs

Use the carrier of your choice when shipping items at your own expense. UPS is the BTP preferred shipper for items under 140lbs. Unless requested otherwise send items via UPS Ground rather than overnight or 2nd day.

Table of Torque Limits: (for Steiger Tractors)

Course Threads	Grade 5 Lubricated		Grade 8 Lubricated	
	Dry	Or Plated	Dry	or Plated
3/8-16	30-35	20-25	45-50	30-35
7/16-14	50-55	35-40	70-75	50-55
1/2-13	75-85	60-65	105-115	80-90
9/16-12	110-120	80-90	155-165	115-125
5/8-11	150-165	115-125	215-230	160-175
3/4-10	265-290	200-220	375-415	285-310
7/8-9	395-430	295-325	605-670	455-500
1-8	590-650	445-490	910-1000	685-750
1-1/8-7	795-875	595-655	1290-1415	965-1065
1-1/4-7	1120-1230	840-925	1820-2000	1360-1495

Fine Threads

3/8-24	35-40	25-30	50-55	35-40
7/16-20	55-60	40-45	80-85	60-65
1/2-20	85-95	65-70	120-130	90-100
9/16-18	120-130	90-100	175-185	130-140
5/8-18	170-185	130-140	240-260	180-200
3/4-16	300-325	225-245	420-460	315-345
7/8-14	435-475	325-360	670-735	500-550
1-12	645-710	485-535	995-1095	745-820
1-1/8-12	890-980	670-735	1445-1590	1085-1190
1-1/4-12	1240-1365	930-1025	2015-2215	1510-1660

Misc Bolts: retorque every 500 hours

Steering Cylinder: 1200 +/-100ft-lb

Vertical Hinge Pin PT Frame - Lower: 1500 +/-100ft-lb

- Upper: 1200 +/-100ft-lb

Hinge Pins ST Frame – all pins 1200 +/-100ft-lb

Wheel Bolts: 450 ft-lb (after removing tires retorque every 10hrs up to 50hrs)

Drawbar Pin: 1200 +/-100ft-lb

Horizontal Hinge Pin PT Frame - Front: 1500 +/-100ft-lb

- Rear: 1200 +/-100ft-lb

Axle Bolt: 695 ft-lb



1-800-982-1769

www.bigtractorparts.com

