

*Model becomes DF-700 series when these axles specified.

AXLE - REAR

Make	Model	Type	Ratios
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BRAKES – SERVICE – Full Air

BRAKE – HAND

♦CLUTCH

ELECTRICAL SYSTEM – 12 Volt

ENGINE

ENGINE				Gov.	HP		Torque	
<u>Make</u>	<u>Model</u>	<u>Type</u>	<u>Dspl't</u>	<u>RPM</u>	<u>Gross</u>	<u>Net</u>	<u>Gross</u>	<u>Net</u>
Standard								
Own	8-235	Gasoline	440	3400	235	213	412	392
Available								
Own	8-220	LPG	440	3400	220	198	375	355
Air cleaner — gasoline — engine mounted Comb. oil bath — dry								
— LPG — outside mounted Oil bath type								

ENGINE (Continued)

FRAME

FUEL SYSTEM

PROP SHAFT AND UNIVERSAL JOINTS

Make and model Spicer 1600 series

STEERING

SUSPENSION

Type - front Leaf, semi-elliptic

TIRES AND RIMS

Tire size — standard	10.00 x 20, 12 ply on 7.5 rims
— available	10.00 x 22, 12 ply on 7.5 rims
	11.00 x 20, 12 ply on 7.5 rims
	11.00 x 22, 12 ply on 7.5 rims

TRANSMISSION – See table for recommended power train combinations.

Make	Model	Speeds forward	Ratios 1st	Ratios Two fastest	Type
Standard					
Fuller	5AW65C	5	8.08	1.50 1.00	Constant mesh
Available					
♦Clark	380V	5	7.88	1.48 1.00	Synchromesh
Clark	388V	5	7.01	1.18 1.00	Synchromesh
Fuller	5AW65D	5	6.37	1.18 1.00	Constant mesh
♦Fuller	RT-510	10	9.00	1.24 1.00	Constant mesh
Spicer	6352	5	7.31	1.44 1.00	Synchromesh
Spicer	6452A	5	6.07	1.15 1.00	Synchromesh
Allison	MT-40	6	5.29	1.39 1.00	Automatic

TRANSMISSION – AUXILIARY (Available)

Spicer model	7231B	7231D	7041
Ratios	1st	1.24	2.14 2.31
	2nd	1.00	1.00 1.21
	3rd	.86	.86 1.00
	4th	–	– .83

WHEELS

Standard Cast spoke
Available 10 stud disc

WHEELBASE – std. 100" Other WB's in 6" increments
CA 72" up to 220" available
AE 40"

*Effective CA reduced 12½" with optional LPG engine as air cleaner is mounted behind cab.

CAB

Cab.....2 man, fiberglass construction, manual tilt, counterbalanced.

Seat.....Adjustable driver's seat with full foam seat and companion seat with foam pad on seat. Best grade vinyl covering.

Ventilators.....Window wings and front ventilator
Windshield and windows.....Safety glass, shatterproof, windshield only is tinted.

Accessories.....Ash tray, dual two speed electric windshield wipers, left side mirror (9"x6"), lock for each door, cigarette lighter, dual electric horns, two sun visors and grab handles.

Instruments and Lights.....Rheostat controlled illuminated instrument panel includes: ammeter, air gauge, fuel gauge, oil gauge, water temperature gauge, speedometer and key starting switch. I.C.C. cab corner lights, dome light, stop and tail light, 4 lamp system sealed beam headlights, parking lights and front directional signals with hazard switch.

Paint-cab.....Exterior – choice of standard red, blue, gray, green, yellow, Omaha orange or prime. Chassis is black.
Undercoating.....Under fenders

CHASSIS EQUIPMENT

Front bumper.....Heavy duty 3 ribbed channel
Tools.....Wheel socket wrench, wheel bearing wrench and spark plug wrench.

TRACTOR PACKAGE (OPTIONAL) 3rd digit of model designation becomes 3.....includes: semi-trailer brake hose connections; hoses and 7 circuit electrical junction block at rear of cab; hose tenna; hand control valve; depressed rear crossmember; 45° frame cutoff with 40" AE. 53 amp. or greater alternator must be added to tractor package. A two speed axle, RT-510, Allison automatic or auxiliary transmission is required.

RECOMMENDED POWER TRAIN COMBINATIONS				
ENGINE	CLUTCH STANDARD	TRANSMISSION	REAR AXLE	MAX. GCW
8-235 or 8-220 LPG	13" 2 Plate	5AW65C, 380V, 6352, RT-510, MT-40	Q-145, Q-245, 1880	60,000#
		5AW65D, 388V, 6452A	Q-345, 18803	
		5AW65C, 380V, 6352, RT-510, MT-40	RT-240, 1911	65,000#
		5AW65D, 388V, 6452A	RT-340, 19503	
		5AW65C, 380V, 6352, RT-510, MT-40	R-170, R-221, U-200	78,000#
		5AW65D, 388V, 6452A	R-321, U-300	

Auxiliary Transmission used with long 4th 5 speed main transmission & single speed rear axle.

THEORETICAL MAXIMUM GEARED ROAD SPEED

Transmission in direct drive and Engine at Governed RPM.

Speeds shown are with 10.00 x 20 Tires.

Add 2 MPH for 10.00 x 22 Tires. Add 1 MPH for 11.00 x 20 Tires. Add 4 MPH for 11.00 x 22 Tires.

AXLE RATIO	6.00	6.14	6.16	6.26	6.50	6.65	6.67	6.83	7.03	7.17	7.2	7.33	7.60	7.69	7.80	8.24	8.28	8.38	8.43
Engine RPM	3400	67	65	64	62	60	59	57	56	55	53	51	49	48					

REO MODEL DF-600 & DF-700 SERIES PRICE LIST

DF-600
DF-700

FEDERAL SALES TAX INCLUDED. PROVINCIAL AND MUNICIPAL TAXES EXTRA.

LIST

MODEL DF-600 STANDARD TRUCK INCLUDES:

Axle, front	FD-901	Fuel tank.....	30 gal. side
Axle, rear	Q-145	Seats	Indv. driver & companion
Brakes	Air	Steering	TE-70
Cab	Fiberglass manual tilt	Tires	10.00 x 20
Clutch	13" 2 plate	Transmission	5AW65C
Elec. system	12V., 40 amp. alternator	Wheels	Cast
Engine	8-235		

MODEL	WB	*LIST	*Wgt. of std. chassis & cab less fuel	
			Front	Rear
DF-600	100	\$13075.00	5505	2780

Model designation becomes DF-700 when optional R, U or 19 series rear axles are furnished.

OPTIONAL EQUIPMENT

FOR OTHER AVAILABLE OPTIONS SEE OPTIONAL EQUIPMENT PRICE SHEET

The following prices apply only when items are incorporated in the original order for the vehicle and are installed at the factory.

TIRES, WHEELS & RIMS

			List	*Wgt. Diff.	
				Front	Rear
10.00 x 20, 12 ply	Cast Spoke	7.5	Std.		
	10 Stud Disc	7.5	310.00	112	104
10.00 x 22, 12 ply	Cast Spoke	7.5	227.00	48	95
	10 Stud Disc	7.5	427.00	150	180
11.00 x 20, 12 ply	Cast Spoke	7.5	147.00	24	48
	10 Stud Disc	7.5	457.00	106	152
11.00 x 22, 12 ply	Cast Spoke	7.5	383.00	70	140
	10 Stud Disc	7.5	583.00	172	224

For prices on special tread tires see tire price sheet.

AXLE, FRONT

FF-901, TE-71 steering and heavier springs in place of FD-901 and TE-70 (3rd digit of model designation becomes 2 (trucks) or 3 (tractors)	274.00	250	0
FH-901, HPS-70 power steering and heavier springs in place of FD-901 and TE-70 (3rd digit of model designation becomes 2 (trucks)	917.00	603	0

AXLE, REAR

1880 in place of Q-145	N/C	0	132
Q-245 in place of Q-145	249.00	0	80
Q-345 in place of Q-145 (388V, 5AW65D or 6452A transmission recommended)	383.00	0	130
18803 in place of Q-145 (388V, 5AW65D or 6452A transmission recommended)	383.00	0	182
R-140 in place of Q-145	390.00	0	119
RT-240 in place of Q-145	707.00	0	271
RT-340 in place of Q-145 (388V, 5AW65D or 6452A transmission recommended)	859.00	0	381
R-221 in place of Q-145	829.00	0	329
R-321 in place of Q-145 (388V, 5AW65D or 6452A transmission recommended)	945.00	0	419
1911 in place of Q-145	557.00	0	225
19503 in place of Q-145 (388V, 5AW65D or 6452A transmission recommended)	859.00	0	329
R-170 in place of Q-145— 18,000# cap., 3/4" housing thickness & 18" diameter ring gear	540.00	0	107
— 23,000# cap., 1/2" housing thickness & 18" diameter ring gear	546.00	0	151
U-200 in place of Q-145 includes heavier springs and radius rods (outerchannel recommended)	1,390.00	0	647
U-300 in place of Q-145 includes heavier springs and radius rods (388V, 5AW65D or 6452A transmission recommended)(outerchannel recommended)	1,584.00	0	722

BRAKE EQUIPMENT

12 cu. ft. air compressor in place of 7 1/4 cu. ft.	55.75	12	0
Front wheel limiting valve, recommended for all tractors	53.00	4	0
Low air pressure indicator, buzzer type in addition to warning light in air gauge	7.00	1	0
Separate protected air system which permits driver to release spring brakes from driver's seat by means of reserve air pressure in an additional tank	61.00	15	15

*Change

REO MODELS DF-600 & DF-700 SERIES PRICE LIST (Continued)

CAB EQUIPMENT

	List	Wgt. Diff.	
		Front	Rear
Air horns, dual trumpet, Hadley, in addition to electric	48.50	2	1
Air horn, single trumpet, Grover, in addition to electric	45.25	2	1
Cab, sleeper, increases BBC 8" and reduces CA by 3½"	320.00	42	13
Heater and defrosters - combination fresh air and recirculating - 30,000 Btu.	132.00	30	0
Mirrors, outside - right side, 9"x6" rectangular, in addition to standard	12.00	3	0
- dual Prutsmen aluminum West Coast, 16"x6" in place of standard	68.00	13	0
Seats - Bostrom "Viking" individual driver seat in place of standard driver's seat	99.50	24	6
- Companion, two in tandem on right side in place of std. companion, Not available with sleeper cab..	143.00	5	0
Windshield wipers, air actuated, in place of electric	29.50	2	0
Windshield washers, hand operated	27.75	2	1

ELECTRICAL EQUIPMENT

Alternator with built in rectifier - 12 volt			
- 53 amp. Leece Neville in place of 40 amp. alternator	15.75	1	0
- 60 amp. Leece Neville in place of 40 amp. alternator	57.75	11	0
- 65 amp. Delco Remy with full transistor regulator in place of 40 amp. alternator	95.75	2	0
* - 85 amp. Delco Remy with full transistor regulator and voltmeter in place of 40 amp. alternator	204.00	16	0
Battery - two 6 volt, 19 plate, 140 amp. hr. in place of 12 volt, 13 plate, 90 amp. Recommended with gasoline and LPG engines for temperatures at 0° or below.....	22.50	52	- 9
Lights, marker, 3 individual, 6" spacing, in addition to std. cab corner lights (required by ICC)	15.75	2	0
Lights, directional signals - rear, in addition to std. front signal lights	17.25	0	3
Stop and tail light, right side, in addition to std.	9.50	0	3
Transistorized ignition system, Prestolite - for 8-235 engine only (std. with LPG engine)	48.50	0	0

ENGINE, GASOLINE AND LPG

8-220 LPG in place of 8-235, includes (1) 54.6 gallon side mounted cylindrical fuel tank, transistorized ignition and oil bath air cleaner mounted on frame back of cab reducing CA 12½"	1,014.00	161	75
Radiator shutters, automatic with aluminum vanes.....	170.00	40	0
Tachometer, gear driven type with engine hour meter	43.25	6	0

FRAME

Wheelbases longer than standard 100"			
- 112" with 60" AE	65.50	4	92
- 130" with 66" AE (includes required additional centerbearing)	246.00	47	146
- 148" with 72" AE	299.00	61	188
- longer WB than 148" up to 220" in any 6" increment only. (IMPORTANT - See next line for WB of 172" or longer.) Price & wgt. are for each 1" increase over 148". Price & wgt. of 148" WB must be included	2.50	1.8	1.2
- additional center bearing & prop shaft required for 172" & longer WB unless auxiliary transmission is used - add to WB price	122.00	5	20
- shorten from next longest WB in any 6" increment (Price is total charge and wgt. is for each 6")	19.00	7	- 9
¼" side rails in place of std. ⅝". Available on tractor if 5th wheel is 15" or less ahead of rear axle and with maximum WB of 124". - weight is for 112" WB, add to WB weight.....Credit....	-64.25	50	- 63
Longer AE (overhang) than std. Price & wgt. for each 1" increase - with single rail	1.75	0	2.5
- with outerchannel	2.50	0	5.3
Fishplates - ¼" x 11" -			
- 100" wheelbase	38.00	33	37
- 112" wheelbase	42.00	42	46
- 130" wheelbase	47.25	56	61
- 148" wheelbase	52.50	68	77
- longer than 148". Additional price & wgt. per inch over 148". Price & wgt. of 148" WB fishplate must be included	.50	.8	.8
Outerchannel reinforcement from 17½" forward of front axle to end of frame - 9⅝"x3¼"x¼" -			
- 112" wheelbase (includes ¼" main rail).....	215.00	73	225
- 130" wheelbase (includes ¼" main rail).....	215.00	89	251
- 148" wheelbase (includes ¼" main rail)	244.00	100	280
- longer than 148". Additional price & wgt. per inch over 148". Price & wgt. of 148" WB outerchannel must be included	1.75	.3	1.2
Tow hooks, heavy duty - rear	17.25	0	13
Tow eyes - front	20.00	5	0

FEDERAL SALES TAX INCLUDED. PROVINCIAL AND MUNICIPAL TAXES EXTRA. List

Wgt. Diff.
Front Rear

FUEL TANKS - Weights do not include fuel

30 gallon side mounted, additional	\$ 78.50	39	19
40 gallon side mounted - in place of standard 30 gallon	12.00	4	7
- additional	90.50	43	26
Safety, center step - in place of standard 30 gallon side mounted -			
- 43 gallon, single, left side mounted	68.00	57	28
- 50 gallon, single, left side mounted	68.00	59	34
- 50 gallon, dual	293.00	158	86
LPG only - 54.6 gallon, cylindrical, side mounted - additional	390.00	146	110
- delete standard 54.6 gallon tank	Credit -265.00	-146	-110

STEERING

Ross TE-71 in place of TE-70	57.75	18	0
Ross HPS-70 hydraulic power steering in place of std. - FD-901 axle	322.00	63	0
- FF-901 axle	265.00	45	0

SUSPENSION

Radius rods, for hotchkiss rear springs (radius rods std. with "U" axle)	254.00	0	80
Springs, rear, varirate with leaf type radius rod drive -			
- 9500# @ pad for tractor service (not available with "U" series axle)	29.50	0	- 93
- 12000# @ pad for truck service (not available with "U" series axle)	68.00	0	- 49
Springs, rear, helper for varirate	59.00	0	85
Springs, rear, varirate with leaf type radius rod drive and helper springs -			
- 15075# @ pad for "U" series axle	Credit -117.00	0	-132

TRACTOR EQUIPMENT

For tractor service a two speed rear axle or a MT or RT-510 transmission and a 53 amp. or larger alternator is required.

Tractor Package - includes semi-trailer brake hose connections; 10 ft. hoses; 7 circuit electrical junction block at rear of cab; hand control valve; depressed rear crossmember; hose-tenna; 45° frame cutoff with 40" AE, low pressure warning light and breakaway valve (3rd digit of model designation becomes 3)	217.00	40	27
Extend trailer brake and electrical connections to end of frame. Additional charge and weight to			
Tractor Package, but less hoses, hose-tenna, and with square frame cut-off - with 6 wire connector	86.50	- 5	5
- with 7 wire connector	94.25	- 5	5
Electrical cable, with plug for trailer, 10 ft. long - 6 wire	18.25	2	1
- 7 wire	26.75	3	2

TRANSMISSION, MAIN

*380V or 388V in place of 5AW65C	Credit -21.00	- 88	- 25
5AW65D in place of 5AW65C	N/C	0	0
6352 or 6452A in place of 5AW65C	197.00	- 22	- 6
*RT-510 in place of 5AW65C	645.00	38	26
MT-40 in place of 5AW65C & 13" 2 plate clutch	1,376.00	- 32	23

TRANSMISSION, AUXILIARY

7231B*	812.00	86	151
7231D (includes 1700 series prop shaft between auxiliary & rear axle)*	872.00	88	156
7041 (includes 1700 series prop shaft between auxiliary & rear axle)*	1,114.00	129	228

*Minimum WB with main and auxiliary transmission is 130" except with Q-245, RT-240, R-221 and U-200 axles when minimum will be 142". Add 6" when 380V, 5AW65C or 6352 transmission is furnished.

