



T-133

LE000537-LE002183

T-103

Parts LC000210-LC000485 Manual

SAFETY PRECAUTIONS



All operators must have instruction before operating this loader.

- Read the operators manual carefully and familiarize yourself with the operation of all controls, safety equipment and safety precautions before operating this loader.
- Always fasten the seat belt before starting or operating this loader.
- Do not operate this loader without using seat bar, seat belt and operators guard.
- Do not operate this loader unless all safety and instruction decals are in place and all safety equipment, shields, are in place and in proper working condition.
- 5. Do not get off the loader without first, lowering boom arms, stopping engine, engaging parking brake — foot pedal lock — neutral centering device and removing key from ignition. Cycle the pedals and ensure they are locked in neutral before getting out of the loader.
- Do not park on an incline. If necessary to park on an incline park across the slope — lower lift arms and ground bucket — engage the parking brake and block the wheels.
- 7. Do not exceed rated lift capacity of this loader.

- Do not drive across a slope. Always go up or down a slope with the heavy end of the loader pointing up towards the top of the slope.
- 9. Do not allow anyone to ride on loader with the operator.
- Always operate in a well ventilated area. Do not operate in atmosphere with explosive dusts or gasses.
- Avoid jerky turns, starts or stops. Reduce operating speed on rough ground and slopes.
- Keep load low do not travel or turn with boom arms up.
- 13. Watch for others when operating.
- Do not add fuel to the loader when the engine is running or is hot. No smoking.
- 15. Do not get under raised boom unless boom lock is engaged. Always engage boom lock before doing any servicing which requires the boom be up.
- Do not attempt to repair or tighten any hydraulic hoses or fittings with the engine running and the hydraulic system is under pressure.
- Replace all missing, illegible, or damaged safety and warning decals.
- Do not modify or alter or permit anyone to modify or alter this equipment or any of its components.
- Do not bypass the starter safety switch. Consult your dealer if your safety starter controls are malfunctioning.

SAFETY EQUIPMENT

The loader is equipped with the following safety equipment for your protection. Take care of them and inspect their condition daily.

Safety Belt — Check seat belts for frayed or cut webbing, damaged buckles or loose mounting brackets.

Operator Guard (ROPS) — Check for damage or loose mountings. Never remove protective screens.

Safety Treads/Warning Decals — Keep safety treads clean. Check for missing or damaged decals. Replace worn, damaged or missing safety treads or decals.

Shields — Keep all protective shields in place.

Seat Bar/Parking Brake/Foot Pedal and Control Lever Lock — Check operation and repair or replace as required.

Boom Locks — Check operation and repair or replace as required.

Quick-Tach Lock — Check operation and repair or replace as required.

Operating Lights -- Check operation of all lighting.

MAIN FRAME 1

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MAIN FRAME

CONTROLS

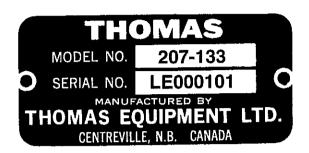
FINAL DRIVE TRANSMISSION

HYDRAULIC SYSTEM

HYDROSTATIC DRIVE GYSTEM

ELECTRICAL SYSTEM

ENGINE EQUIPMENT



It is important when ordering replacement parts or making a service inquiry to provide both the model number and serial number of your Thomas loader. The serial number plate is located at the rear of the machine on the right hand side above the rear door.

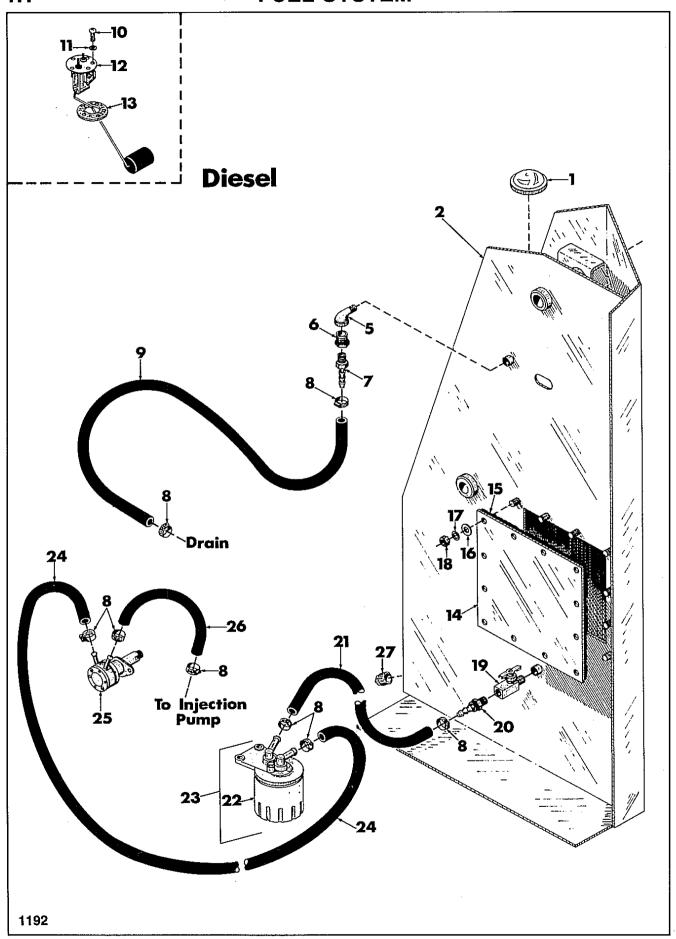
R. H. and L. H. when mentioned in the manual is always referred from the drivers seat looking in a forward position.

MAIN FRAME 1.

Fuel System	1.1
Rear Door and Latch	
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MAIN FRAME

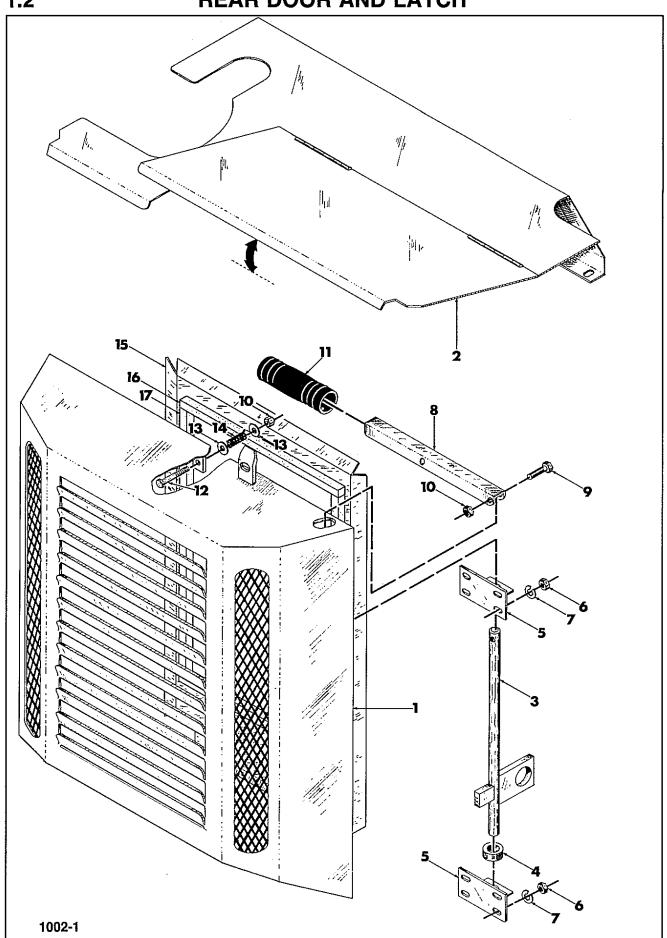
FUEL SYSTEM



JUNE 1, 1985

FUEL STSTEW 1103/1133 1.1					
REF.	PART NO.	DESCRIPTION	QUAN T103	ITITY T133	SERIAL NO.
1	5842	Fuel Filler Cap	1	1	
2	954627	R.H. Fuel Tank Assembly	1	1	
5	6089	Street Elbow 1/4" NPT x 90°	1	1	
6	4539	Reducing Bushing	1	1	
7	18318	Fuel Line Fitting	1	1	
8	19949	Hose Clamp 1/2"	6	8	
9	24882	Fuel Return Line 24" L.	1	1	
10	23194	B341 Machine Screws	5	5	
11	24214	Fibre Washers	5	5	
12	23178	Fuel Lever Sender	1	1	
13	24264	Cork Gasket	1	1	
14	22381	Inspection Cover	1	1	
15	20901	Silicon Gasket Maker	As Req'd.	As Regid.	
16	1651	Plainwasher 5/16" Dia.	12	12	
17	1870	Springwasher 5/16" Dia.	12	12	
18	1191	Nut 5/16" UNC	12	12	
19	14797	Fuel Shut-off Cock	1	1	
20	23861	Push-on Coupling	1	1	
21	24877	Tank to Filter Hose	1	1	
21	23710	Tank to Filter Hose	-	1	
22	18685	Fuel Filter	1	_	
22	21677	Fuel Filter		1	
23	953823	Fuel Filter Ass'y.	1		***
23	21679	Fuel Filter Ass'y.		1	
24	23709	Filter to Fuel Pump Hose		1	
24	24878	Filter to Injection Pump Hose	1	_	•
25	953820	Fuel Pump	_	1	
26	21422	Fuel Pump to Injection Pump Hose	_	1	
27	1458	Plug 3/4" NPT	1	1	
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REAR DOOR AND LATCH



JUNE 1, 1985

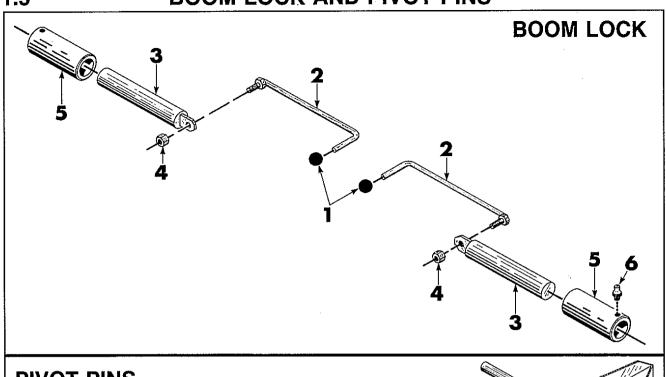
REF.	PART NO.	DESCRIPTION	QUAR T103	NTITY T133	SERIAL NO.
1	5845	Seat Belt	1	1	
2	955064	Fold Down Seat Ass'y.	1	1	
3	955946	Seat Plate Ass'y.	1	1	
4	24589	Hydrostatic Shield	1	1	
5	24420	Safety Track 4" x 12"	4	4	
6	956364	Front Belly Pan	1	1	
7	955025	Rear Belly Pan (Optional)	1	1	
8	24296	Hair Pin Clip	1	1	· · ·
9	17579	Auxiliary Tubing Cover	1	1	1100.00.11.11
10	23768	Front Shield	1	1	
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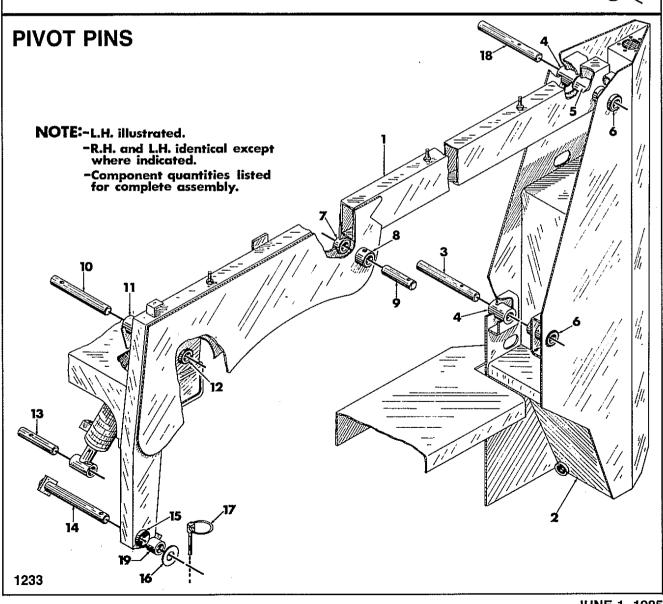
DECALS AND PAINT

REF.	PART NO.	DESCRIPTION	QUAN T103	T133	SERIAL NO.
1	24771	T-103 Decal Kit	1	-	
2	23249	T-133 Decal Kit		1	
3	26120	Common Decal Kit	1	1	
4	23579	Paint (Spray Can, Orange)	As Req'd.	As Reg'd.	
5	22338	Paint (Gallon Can, Orange)	As Req'd.	As Reg'd.	M. III. III.
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WHEEL EQUIPMENT

REF.	PART NO.	DESCRIPTION	QUAI T103	NTITY T133	SERIAL NO.
1	22953	Wheel 5 KB x 15 (Standard)	4	4	
2	5816	Tire 7.00 x 15, 6 Ply (Standard)	4	4	
3	5815	Tube 7.00 x 15 (Standard)	4	4	
4	22956	Flotation Wheel 16.5 x 8.25 (Optional)	4	4	
5	6800	Tire 10.00 x 16.5, 6 Ply (Optional)	4	4	
6	7019	Tubeless Valve Stem	4	4	
7	5832	Machined Wheel Nut	24	24	



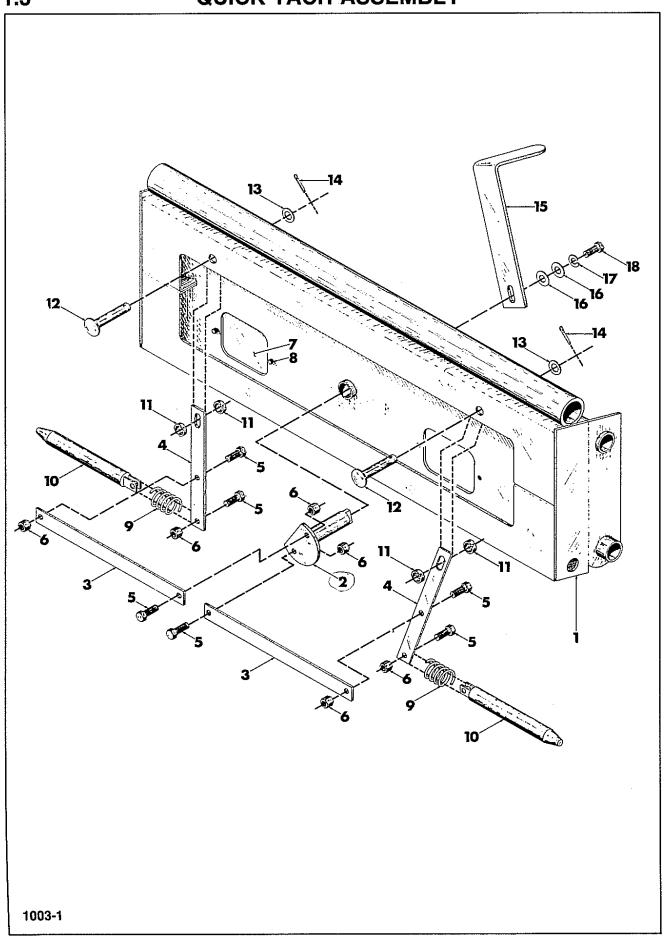


REAR DOOR AND LATCH — T103

REF.	PART NO.	DESCRIPTION	QUANTITY T103	SERIAL NO.
1	955436	Rear Door Ass'y.	1	
2	954963	Engine Cover Shield Ass'y.	1	
3	955438	Door Lock Ass'y.	1	
4	4842	Set Collar ¾" Dia.	1	
5	954425	Door Lock Support Ass'y.	1	
6	1191	Nut ⁵⁄₁₅" UNC	8	
7	1870	Springwasher 5/16" Dia.	8	
8	21362	Door Handle	1	
9	5897	Bolt 1/4" UNC x 13/4" L.	1	
10	6645	Nut 1/4" UNC Nylok	2	
11	3189	Lever Grip	1	
12	3238	Bolt 1/4" UNC x 3" L.	1	
13	1650	Plainwasher ¼" Dia.	2	
14	9202	Spring .063" x 13/32" I.D. x 21/2" L.	1	
15	26676	Radiator Baffle	1	
16	26677	Baffle Foam 1" x 1" x 14 5/8" L.	2	
17	26629	Baffle Foam 1" x 1" x 18" L.	2	
18	417	Vinyl Door Moulding 10 3/4" L. (not shown)	1	
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REAR DOOR AND LATCH — T133

REF.	PART NO.	DESCRIPTION	QUANTITY T133	SERIAL NO.
1	954771	Rear Door Ass'y.	1	
2	954963	Engine Cover Shield Ass'y.	1	
3	954772	Door Lock Ass'y.	1	
4	4842	Set Collar ¾" Dia.	1	
5	954425	Door Lock Support Ass'y.	1	
6	1191	Nut ⁵/16" UNC	8	*
7	1870	Springwasher 5/16" Dia.	8	
8	21362	Door Handle	1	
9	5897	Boit 1/4" UNC x 13/4" L.	1	
10	6645	Nut 1/4" UNC Nylok	2	
11	3189	Lever Grip	1	
12	3238	Bolt 1/4" UNC x 3" L.	1	
13	1650	Plainwasher 1/4" Dia.	2	
14	9202	Spring .063" x 13/32" I.D. x 21/2" L.	1	
15	26664	Radiator Baffle	1	
16	26665	Baffle Foam 1/2" x 1" x 16 1/2" L.	2	
17	26666	Baffle Foam 1/2" x 1" x 20 1/4" L.	2	
18	417	Vinyl Door Moulding 10 3/4" L. (not shown)	1	
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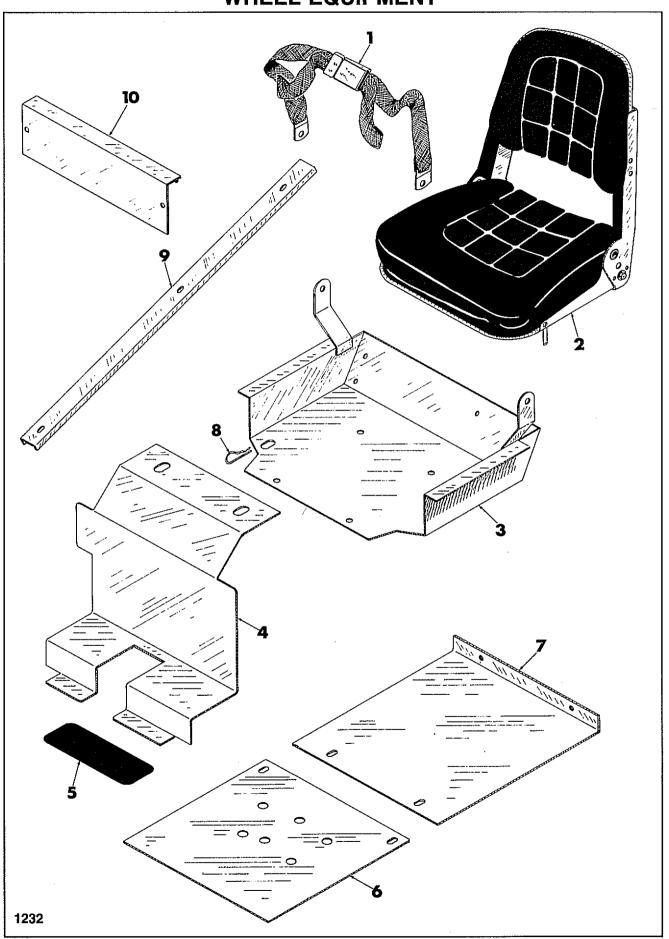
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REF.	PART NO.	DESCRIPTION	QUANTITY T103	SERIAL NO.		
1	954717	Quick-Tach Ass'y.	1			
2	954714	Cam Pin Ass'y.	1	_		
3	22655	Lock Pin Linkage	2			
4	22652	Stabilizer Bar	2			
5	1190	Bolt 5/16" UNC x 1" L.	6			
6	16771	Nut 5/16" UNC Nylok	6			
7	24971	Hole Covers	2			
8	2338	Bolt 1/4" UNC x 1/2" L.	4			
9	25811	Compression Spring	2			
10	954715	Quick-Tach Lock Pin Ass'y.	2			
11	22653	Stabilizer Bar Bushing	4			
12	954716	Support Pin Ass'y.	2			
13	1649	Plainwasher 1/2" Dia.	2			
14	1546	Split Pin 1/8" x 1" L.	2	•		
15	22649	Quick-Tach Handle	1			
16	2382	Plainwasher 7/16" Dia.	2			
17	1642	Springwasher %" Dia.	1			
18	1673	Bolt %" UNC x ¾" L.	1			

QUICK-TACH ASSEMBLY — T133

REF.	PART NO.	DESCRIPTION	QUANTITY T133	SERIAL NO.
1	954717	Quick-Tach Ass'y.	1	
2	954714	Cam Pin Ass'y.	1	
3	22655	Lock Pin Linkage	2	
4	22652	Stabilizer Bar	2	
5	1190	Bolt 5/16" UNC x 1" L.	6	
6	16771	Nut 5/16" UNC Nylok	6	
7	24971	Hole Covers	2	
8	2338	Bolt 1/4" UNC x 1/2" L.	4	
9	25811	Compression Spring	2	
10	954715	Quick-Tach Lock Pin Ass'y.	2	
11	22653	Stabilizer Bar Bushing	4	
12	954716	Support Pin Ass'y.	2	
13	1649	Plainwasher 1/2" Dia.	2	
14	1546	Split Pin 1/a" x 1" L.	2	
15	22649	Quick-Tach Handle	1	
16	2382	Plainwasher 1/16" Dia.	2	
17	1642	Springwasher %" Dia.	1	
18	1673	Bolt %" UNC x ¾" L.	1	
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1.4 SHIELDS — SEAT AND BELT — DECALS AND PAINT — WHEEL EQUIPMENT



1.5

BOOM LOCK

REF.	PART NO.	DESCRIPTION	QUAI T103	NTITY T133	SERIAL NO.
1	11848	Knob	2	2	
2	954615	Linkage Rod Ass'y.	2	2	
3	955034	Locking Pin Ass'y.	2	2	
4	6645	Nut 1/4" UNC Nylok	2	2	
*5	22393	Lock Pin Bushing	2	2	
6	2010	Grease Fitting	2	2	
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PIVOT PINS

REF.	PART NO.	DESCRIPTION	QUAN T103	TITY T133	SERIAL NO.
1	955366	T103 Lift Arm Assembly	1		LC 000 102 - LC 000 209
1	956295	T103 Lift Arm Assembly	1		LC 000 210 - LC 000 255
1	956465	T103 Lift Arm Assembly	1		LC 000 256 - Onward
1	954766	T133 Lift Arm Assembly		1	LE 000 101 - LE 000 608
1	956291	T133 Lift Arm Assembly		1	LE 000 609 — LE 000 717
1	956464	T133 Lift Arm Assembly		1	LE 000 718 — Onward
2	955363	T103 L.H. Oil Tank Assembly	1	_	
2	954628	T133 L.H. Oil Tank Assembly		1	
3	26191	Lift Arm Hinge Pin 8 3/8" L.	2	2	
*4	22373	Inner Hinge Bushing	4	4	
*5	26102	Pivot Bushing	2	2	
*6	22372	Outer Hinge Bushing	4	4	
*7	8563	Bottom Outside Bushing	2	2	
*8	8562	Bottom Inside Bushing	2	2	
9	8881	Lift Cylinder Pin (lift arm) 4 1/8" L.	2	2	
10	22791	Long Tilt Pin — 8" L.	2	2	
*11	22788	Outside Tilt Bushing	2	2	
*12	22789	Inside Tilt Bushing	2	2	
13	22790	Short Tilt Pin	2	2	
14	954618	Quick-Tach Pin Assembly	2		LC 000 102 — LC 000 255
-				2	LE 000 101 — LE 000 717
14	956519	Quick-Tach Pin Assembly	2		LC 000 256 — Onward
Ţ				2	LE 000 718 — Onward
*15	22801	Front Bushing	2		LC 000 102 — LC 000 255
				2	LE 000 101 — LE 000 717
*15	26598	Front Bushing	2		LC 000 256 — Onward
				2	LE 000 718 — Onward
16	1478	Plainwasher — 1" Dia.	2	2	
17	2381	Lynch Pin	2	2	10000400 1000477
·18	26191	Lift Arm Hinge Pin	2		LC 000 102 - LC 000 177
				2	LE 000 101 - LE 000 514 LC 000 178 - LC 000 209
18	25808	Lift Arm Hinge Pin			L
				2	LE 000 515 - LE 000 608
18	26101	Lift Arm Hinge Pin	2		LC 000 210 - Onward
				2	LE 000 609 - Onward LC 000 256 — Onward
19	26566	Hardened Bushing	2		
				2	LE 000 718 — Onward

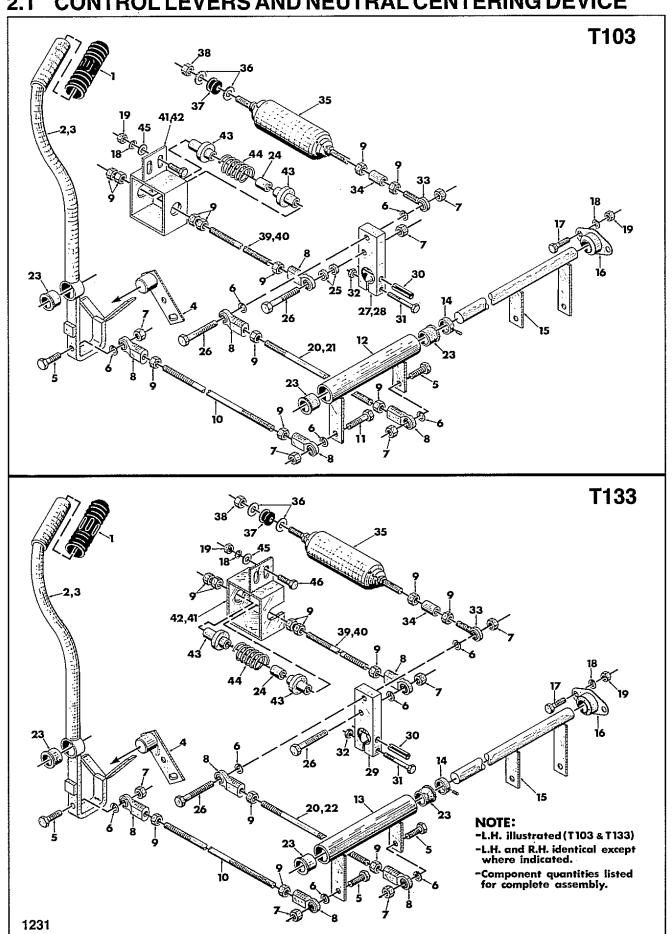
*Welded on parts JUNE 1, 1985

CONTROLS 2

Control Levers and Neutral Centering Device	.2.1
Foot Pedals with Lock	
Throttle and Diesel Stop Control	.2.3
Parking Brake	
Seat Bar and Neutral Centering Device	

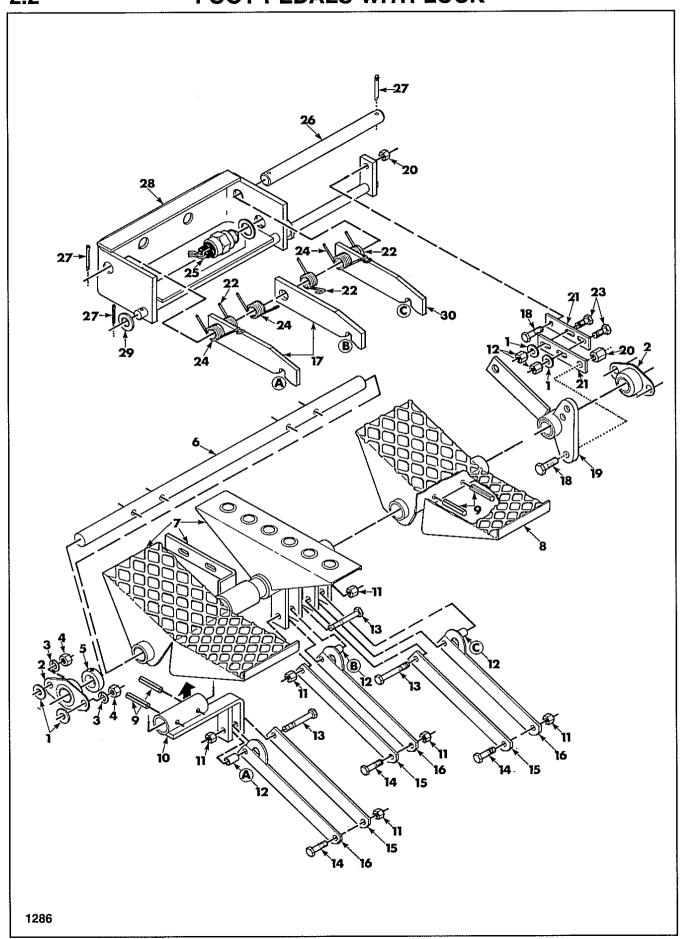
CONTROLS

2.1 CONTROL LEVERS AND NEUTRAL CENTERING DEVICE



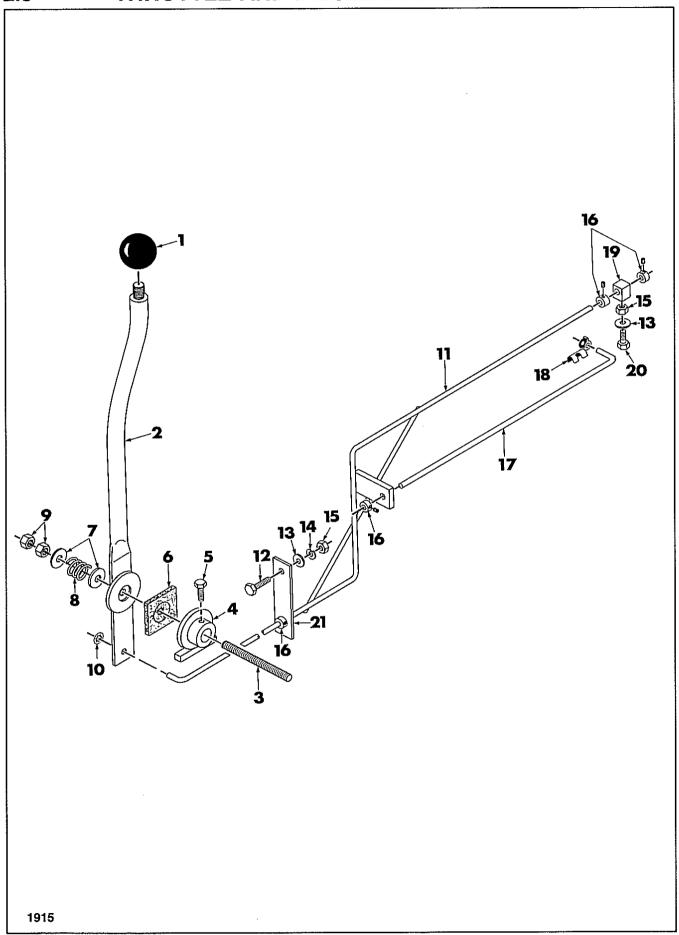
CONTROL LEVERS AND NEUTRAL CENTERING DEVICE 2.1

REF. PART NO. DESCRIPTION T103 T133 SERIAL I	
2 955015 L.H. Control Lever Ass'y. 1 1 3 955016 R.H. Control Lever Ass'y. 1 1 4 955241 Lock Guide Ass'y. 2 2 5 1672 Bolt %" UNC x 1½" L. 5 6 6 1642 Springwasher %" Dia. 10 12 7 7465 Nut %" UNC Nylok 10 10 8 5803 Female Rod End 10 10 9 1898 Nut %" UNF 22 22 10 22628 L.H. — R.H. Lever Control Rod 2 2 2 11 8280 Bolt %" UNC x 1¾" 1 — 1 12 955376 Control Lever Sleeve Ass'y. 1 — 1 13 954709 Control Lever Sleeve Ass'y. — 1 1 14 4842 ¾" Set Collar 1 1 1 15 954734 Control Rod Shaft Ass'y. 1 1 1 16 5891 Nylon Bearing 2 2 <	10 .
3 955016 R.H. Control Lever Ass'y. 4 955241 Lock Guide Ass'y. 5 1672 Bolt ¾ "UNC x 1½" L. 5 6 6 1642 Springwasher ¾ "Dia. 7 7465 Nut ¾ "UNC Nylok 10 10 8 5803 Female Rod End 10 10 9 1898 Nut ¾ "UNF 22 22 10 22628 L.H. — R.H. Lever Control Rod 2 2 2 11 8280 Bolt ¾ "UNC x 1¾ " 1 1 — 12 955376 Control Lever Sleeve Ass'y. 13 954709 Control Lever Sleeve Ass'y. 14 4842 ¾ "Set Collar 15 954734 Control Rod Shaft Ass'y. 16 5891 Nylon Bearing 17 1341 Bolt ¾ "UNC x ¾ "L. 18 1870 Springwasher ⅓ "Dia. 19 1191 Nut ⅓ "Bolt № "UNC 20 8834 L.H. Rear Control Rod 21 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
4 955241 Lock Guide Ass'y. 2 2 5 1672 Bolt %" UNC x 1½" L. 5 6 6 1642 Springwasher %" Dia. 10 12 7 7465 Nut %" UNC Nylok 10 10 8 5803 Female Rod End 10 10 9 1898 Nut %" UNF 22 22 10 22628 L.H. — R.H. Lever Control Rod 2 2 11 8280 Bolt %" UNC x 1¾" 1 — 12 955376 Control Lever Sleeve Ass'y. 1 — 13 954709 Control Lever Sleeve Ass'y. 1 — 14 4842 ¾" Set Collar 1 1 15 954734 Control Rod Shaft Ass'y. 1 1 16 5891 Nylon Bearing 2 2 17 1341 Bolt ¾'s" UNC x ¾" L. 4 4 18 1870 Springwasher ¾'s" Dia. 8 8 19 1191 Nut ¾'s" UNC 8 8	
5 1672 Bolt %" UNC x 1½" L. 5 6 6 1642 Springwasher %" Dia. 10 12 7 7465 Nut %" UNC Nylok 10 10 8 5803 Female Rod End 10 10 9 1898 Nut %" UNF 22 22 10 22628 L.H. — R.H. Lever Control Rod 2 2 11 8280 Bolt %" UNC x 1¾" 1 — 12 955376 Control Lever Sleeve Ass'y. 1 — 13 954709 Control Lever Sleeve Ass'y. 1 — 14 4842 ¾" Set Collar 1 1 15 954734 Control Rod Shaft Ass'y. 1 1 16 5891 Nylon Bearing 2 2 17 1341 Bolt ¾" UNC x ¾" L. 4 4 18 1870 Springwasher ¾" Dia. 8 8 19 1191 Nut ¾" UNC 8 8 20 8834 L.H. Rear Control Rod 1 1	
6 1642 Springwasher ¾" Dia. 10 12 7 7465 Nut ¾" UNC Nylok 10 10 8 5803 Female Rod End 10 10 9 1898 Nut ¾" UNF 22 22 10 22628 L.H. — R.H. Lever Control Rod 2 2 11 8280 Bolt ¾" UNC x 1¾" 1 — 12 955376 Control Lever Sleeve Ass'y. 1 — 13 954709 Control Lever Sleeve Ass'y. 1 — 14 4842 ¾" Set Collar 1 1 15 954734 Control Rod Shaft Ass'y. 1 1 16 5891 Nylon Bearing 2 2 17 1341 Bolt ¾s's" UNC x ¾" L. 4 4 18 1870 Springwasher ¾s's" Dia. 8 8 19 1191 Nut ¾s's" UNC 8 8 20 8834 L.H. Rear Control Rod 1 1 21 24598 R.H. Rear Control Rod 1 —	
7 7465 Nut ¾" UNC Nylok 10 10 8 5803 Female Rod End 10 10 9 1898 Nut ¾" UNF 22 22 10 22628 L.H. — R.H. Lever Control Rod 2 2 11 8280 Bolt ¾" UNC x 1¾" 1 — 12 955376 Control Lever Sleeve Ass'y. 1 — 13 954709 Control Lever Sleeve Ass'y. — 1 14 4842 ¾" Set Collar 1 1 15 954734 Control Rod Shaft Ass'y. 1 1 16 5891 Nylon Bearing 2 2 17 1341 Bolt ¾s's" UNC x ¾" L. 4 4 18 1870 Springwasher ¾s" Dia. 8 8 19 1191 Nut ¾s" UNC 8 8 20 8834 L.H. Rear Control Rod 1 1 21 24598 R.H. Rear Control Rod — 1 22 17226 R.H. Rear Control Rod — 1	
8 5803 Female Rod End 10 10 9 1898 Nut %" UNF 22 22 10 22628 L.H. — R.H. Lever Control Rod 2 2 11 8280 Bolt %" UNC x 1¾" 1 — 12 955376 Control Lever Sleeve Ass'y. 1 — 13 954709 Control Lever Sleeve Ass'y. — 1 14 4842 ¾" Set Collar 1 1 15 954734 Control Rod Shaft Ass'y. 1 1 16 5891 Nylon Bearing 2 2 17 1341 Bolt ¾ ₁₆ " UNC x ¾" L. 4 4 18 1870 Springwasher ¾ ₁₆ " Dia. 8 8 19 1191 Nut ¾ ₁₆ " UNC 8 8 20 8834 L.H. Rear Control Rod 1 1 21 24598 R.H. Rear Control Rod 1 — 22 17226 R.H. Rear Control Rod — 1 23 16989 Flange Bearing 4 4 <td></td>	
9 1898 Nut %" UNF 22 22 10 22628 L.H. — R.H. Lever Control Rod 2 2 11 8280 Bolt %" UNC x 1¾" 1 — 12 955376 Control Lever Sleeve Ass'y. 1 — 13 954709 Control Lever Sleeve Ass'y. — 1 14 4842 ¾" Set Collar 1 1 15 954734 Control Rod Shaft Ass'y. 1 1 16 5891 Nylon Bearing 2 2 17 1341 Bolt ¾6" UNC x ¾" L. 4 4 18 1870 Springwasher ¾6" Dia. 8 8 19 1191 Nut ¾6" UNC 20 8834 L.H. Rear Control Rod 1 1 21 24598 R.H. Rear Control Rod — 1 22 17226 R.H. Rear Control Rod — 1 23 16989 Flange Bearing 4 4	
10 22628 L.H. — R.H. Lever Control Rod 2 2 11 8280 Bolt ¾" UNC x 1¾" 1 — 12 955376 Control Lever Sleeve Ass'y. 1 — 13 954709 Control Lever Sleeve Ass'y. — 1 14 4842 ¾" Set Collar 1 1 15 954734 Control Rod Shaft Ass'y. 1 1 16 5891 Nylon Bearing 2 2 17 1341 Bolt ¾'16" UNC x ¾" L. 4 4 18 1870 Springwasher ¾'16" Dia. 8 8 19 1191 Nut ¾'16" UNC 8 8 20 8834 L.H. Rear Control Rod 1 1 21 24598 R.H. Rear Control Rod 1 — 22 17226 R.H. Rear Control Rod — 1 23 16989 Flange Bearing 4 4	
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13 954709 Control Lever Sleeve Ass'y. — 1 14 4842 ¾" Set Collar 1 1 15 954734 Control Rod Shaft Ass'y. 1 1 16 5891 Nylon Bearing 2 2 17 1341 Bolt ⅓¹is" UNC x ¾" L. 4 4 18 1870 Springwasher ⅓¹is" Dia. 8 8 19 1191 Nut ⅙¹is" UNC 8 8 20 8834 L.H. Rear Control Rod 1 1 21 24598 R.H. Rear Control Rod 1 — 22 17226 R.H. Rear Control Rod — 1 23 16989 Flange Bearing 4 4	
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15 954734 Control Rod Shaft Ass'y. 1 1 16 5891 Nylon Bearing 2 2 17 1341 Bolt ⁵⁄₁6" UNC x ¾" L. 4 4 18 1870 Springwasher ⁵⁄₁6" Dia. 8 8 19 1191 Nut ⁵⁄₁6" UNC 8 8 20 8834 L.H. Rear Control Rod 1 1 21 24598 R.H. Rear Control Rod 1 — 22 17226 R.H. Rear Control Rod — 1 23 16989 Flange Bearing 4 4	
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23 16989 Flange Bearing 4 4	
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24 25505 S0000 BOX S02CEF 1 2 2	
2. 23500 Opinig 201 Opini	
20 Z1174 Opacei	
26 1364 Bolt 3/8" UNC x 2" L. 4 4	
27 24599 L.H. Pintle Lever 1 —	
28 24603 R.H. Pintle Lever 1 —	
29 22636 Pintle Lever — 2	
30 14916 Rollpin 1/4" Dia. x 1 1/2" L. 2 2	
31 3313 Bolt 1/4" UNC x 2" L. 2 2	
32 6645 Nut 1/4" UNC Nylok 2 2	
33 15880 Male Rod End 2 2	
34 22630 Air Shock Extension 2 2	
35 14860 Air Shock Absorber 2 2	
36 1643 Plainwasher 3/8" Dia. 4 4	
37 17385 Grommet 3/8" I.D. x 5/8" O.D. 2 2	
38 8598 Nut 3/8" UNF Nylok 2 2	
39 17170 L.H. Control Lever Linkage Rod No. 3 1 1	
40 17171 R.H. Control Lever Linkage Rod No. 4 1 1	
41 954722 L.H. (103) or R.H. (133) Rod Support Ass'y. 1 1	
42 954707 R.H. (103) or L.H. (133) Rod Support Ass'y. 1 1	
43 16572 Spring Bushing 4 4	
44 25176 Spring .120 x .975 l.D. x 2.5" L. 2 2	
45 1651 Plainwasher 5/16" Dia. 4 4	
46 1190 Bolt 5/16" UNC x 1" L. 4 4	
7 7	



FOOT PEDALS W/LOCK

	1001 FEDALS W/LOCK				
REF.	PART NO.	DESCRIPTION	QUANTITY T-105 T-133	SERIAL NO.	
1	1651	Plainwasher	4		
2	5891	Nylon Bearing	2		
3	1870	Springwasher 5/16" Dia.	4		
4	1191	Nut 5/16" UNC	4		
5	4842	Set Collar 3/4"	1		
6	25500	Foot Pedal Shaft	1		
7	960147	L.H. Foot Pedal As <u>se</u> mbly	1		
8	955935	R.H. Foot Pedal Assembly	1		
9	1636	Spring Pin 1/4" Dia. x 1 1/2" L.	4		
10	955917	Crossover Linkage Assembly	1		
11	6645	Nut 1/4" UNC Nylok	6		
12	25204	Foot Pedal Linkage Spacer	3		
13	956139	Bolt 1/4" UNC x 1 7/8" L.	3		
14	956140	Bolt 1/4" UNC x 1" L.	3		
15	25499	Control Valve Linkage	3		
16	956237	Control Valve Linkage Assembly	3		
17	25508	Locking Arm	3		
18	1193	Bolt 3/8" UNC x 1" L.	2		
19	956192	Linkage Mount Assembly	1		
20	7465	Nut 3/8" UNC Nylok	2		
21	25517	Activating Arm Linkage	2		
22	956138	R.H. Neutral Lock Spring Assembly	3		
23	2663	Bolt 1/4" UNC x 3/4" L.	2		
24	956137	L.H. Neutral Lock Spring Assembly	3		
25	23439	Neutral Safety Switch & Washer	1		
26	25513	Locking Arm Shaft	1		
27	1546	Cotter Pin 1/8" Dia. x 1" L.	3		
28	955933	Lock Support Bracket	1		
29	1649	Plainwasher 1/2" Dia.	1		
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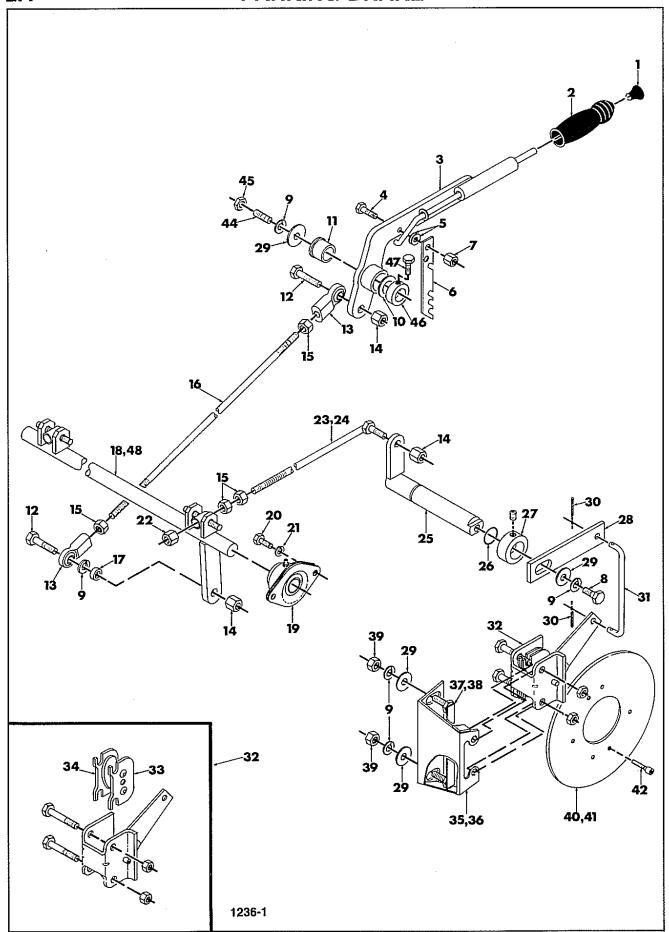


THROTTLE AND DIESEL STOP CONTROL — T103 2.3

REF.	PART NO.	DESCRIPTION	QUANTITY T103	SERIAL NO.
1	25298	Throttle Handle Ball	1	
2	955903	Throttle Handle Ass'y.	1	· ·
3	23193	Throttle Stud	1	
4	954897	Set Collar Ass'y.	1	
5	1341	Bolt 5/16" UNC x 3/4" L.	1	
6	23371	Throttle Friction Pad	1	
7	1643	Plainwasher %" Dia.	2	
8	7416	Spring 1/2" I.D. x 1" O.D. x 1" L.	1	
9	1194	Nut %" UNC	2	
10	22966	1/4" Retaining Ring	1	
11	955529	Throttle Rod Ass'y.	1	
12	5170	Bolt 1/4" UNC x 1" L.	1	
13	1650	Plainwasher 1/4" Dia.	2	,
14	2279	Springwasher 1/4" Dia.	1	
15	1350	Nut 1/4" UNC	2	
16	23096	Set Collar 1/4" Dia.	4	
17	23410	Stop Rod	1	
18	17670	L.H. Rod Clip	1	
19	23409	Throttle Bar	1	-
20	2663	Bolt 1/4" UNC x 3/4" L.	1	
21	22559	Throttle Rod Support	1	

THROTTLE AND DIESEL STOP CONTROL — T133

REF.	PART NO.	DESCRIPTION	QUANTITY T133	SERIAL NO.
1	25298	Throttle Handle Ball	1	
2	955903	Throttle Handle Ass'y.	1	
3	23193	Throttle Stud	1	
4	954897	Set Collar Ass'y.	1	
5	1341	Bolt 5/16" UNC x 3/4" L.	1	
6	23371	Throttle Friction Pad	1	
7	1643	Plainwasher %" Dia.	2	
8	7416	Spring 1/2" I.D. x 1" O.D. x 1" L.	1	
9	1194	Nut %" UNC	2	
10	22966	1/4" Retaining Ring	1	3-01 T
11	954710	Throttle Rod Ass'y.	1	
12	5170	Bolt 1/4" UNC x 1" L.	1	
13	1650	Plainwasher 1/4" Dia.	2	
14	2279	Springwasher ¼" Dia.	1	
15	1350	Nut 1/4" UNC	2	
16	23096	Set Collar 1/4" Dia.	4	
17	23410	Stop Rod	1	
18	17670	L.H. Rod Clip	1	
19	23409	Throttle Bar	1	
20	2663	Bolt 1/4" UNC x 3/4" L.	1	
21	22559	Throttle Rod Support	1	
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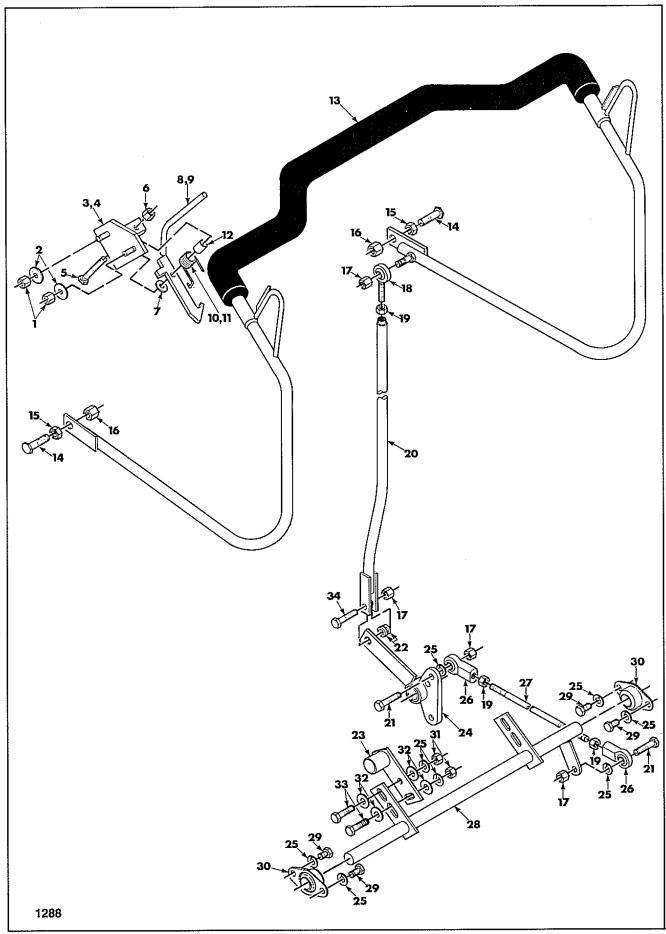
JUNE 1, 1985

PARKING BRAKE

	FARRING DRAKE Z.				
REF.	PART NO.	DESCRIPTION	QUAI T103	NTITY T133	SERIAL NO.
1	25175	Lever Knob	1	1	•
2	11841	Lever Grip	1	1	
3	955951	Brake Lever Assembly	1	1	
4	5170	Bolt 1/4" UNC x 1" L.	1	1	
5	1650	Plainwasher 1/4" Dia.	As Req'd.	As Regid.	
6	24895	Parking Brake Lock	1	1	
7	6645	Nut 1/4" UNC Nylok	1	1	
8	1673	Bolt 3/8" UNC x 3/4" L.	2	2	
9	1642	Springwasher 3/8" Dia.	8	8	
10	17516	Washer 1 1/4" O.D. x 3/4" I.D. x 14 Ga.	1	2	
1 1	16989	Flange Bearing	1	1	
12	1672	Bolt 3/8" UNC x 1 1/2" L.	2	2	
13	5803	Female Rod End	2	2	
14	7465	Nut 3/8" UNC Nylok	4	4	
15	1898	Nut 3/8" UNF	6	6	
16	23678	Brake Handle Rod	1	1	1.313.50 1.50 1.0
17	21174	Spacer	1		
18	955798	Brake Shaft Assembly	1		****
19	24914	Brass Bushing Flange Bearing	2	2	
20	2338	Bolt 1/4" UNC x 1/2" L.	4	4	
21	2279	Springwasher 1/4" Dia.	4	4	
22	8598	Nut 3/8" UNF Nylok	2	2	
23	955544	R.H. Brake Rod Assembly		1	
24	955545	L.H. Brake Rod Assembly	2		
25	955539	Shaft Assembly	2	2	
26	22405	'O' Ring	2	2	
27	1064	1" Set Collar	2	2	
28	24267	Locking Bar	2	2	
29	1643	Plainwasher 3/8" Dia.	6	6	
30	1631	Split Pin 3/32" x 3/4" L.	4	4	
31	24266	Locking Rod	2	2	
32	23675	Brake Caliper Assembly	2	2	
33	24219	Outer Replacement Pad (Metallic)	2	2	
34	24219	Inner Replacement Pad (Metallic)	2	2	· · · · · · · · · · · · · · · · · · ·
		Disc Brake Bracket Assembly	2		
35	955493			 	
36	955410	Disc Brake Bracket Assembly		2	
37	955565	Bolt Assembly	2	 	
38	954902	Bolt Assembly		2	
39	1194	Nut 3/8" UNC	4	4	
40	24309	Brake Disc	2	-	
41	22603	Brake Disc		2	
42	15255	Socket Head Cap Screw	12	12	
*43	25372	Pivot Bushing	2	2	
44	25485	Stud 3/8" UNC x 1 1/4" L.	1	1 1	
45	23264	3/8" UNC AH 3-Way Locknut	1	1	
46	4842	3/4" I.D. Set Collar	1	1	
47	1341	Bolt 5/16" UNC x 3/4" L.	1	1	
48	955798	Brake Shaft Assembly		1	
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*Not as illustrated JUNE 1, 1985

2.5 SEAT BAR AND NEUTRAL CENTERING DEVICE



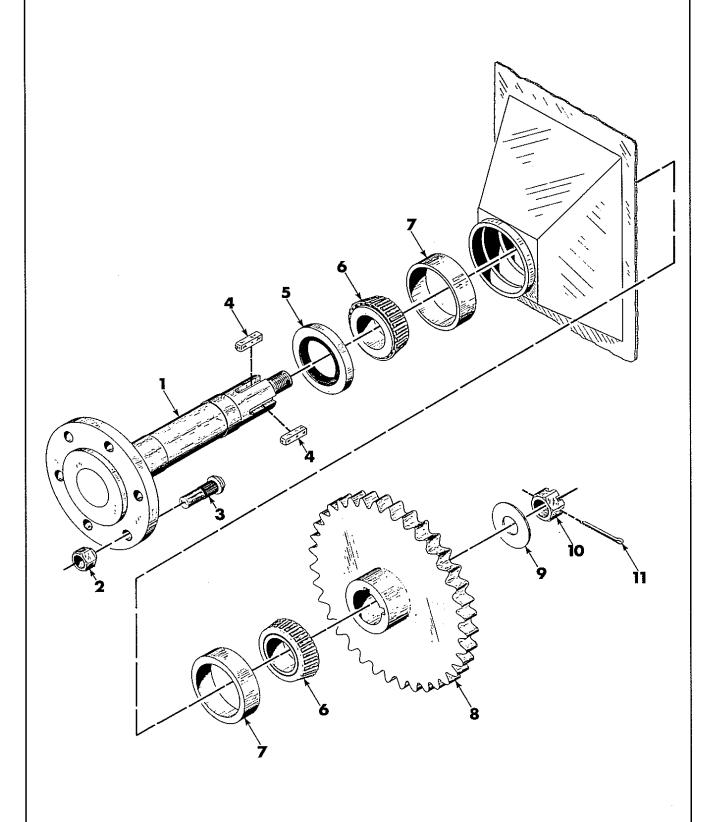
SEAT BAR & NEUTRAL CENTERING DEVICE

REF.	PART NO.	DESCRIPTION	QUANTITY T103 / T133	SERIAL NO.
1	16771	5/16" Dia. UNC Nylok Nut	4	
2	26108	Plainwasher 5/16" Dia. I.D. x 1" O.D.	4	
3	955904	R.H. Latch Mount Ass'y.	1	
4	955905	L.H. Latch Mount Ass'y.	1	
5	3313	Bolt 1/4" Dia. x 2" L.	2	
6	6645	Nylok Nut 1/4" Dia.	2	
7	8154	Nylon Washer 1/4" Dia.	2	
8	955909	R.H. Hook Latch Ass'y.	1	
9	956349	L.H. Hook Latch Ass'y.	1	
10	955791	R.H. Latch Spring Ass'y.	1	
11	955790	L.H. Latch Spring Ass'y.	1	
12	25492	Spring Bushing	2	
13	955914	Restraint Ass'y.	1	
14	956020	Low Head Bolt Ass'y.	2	
15	1024	1/2" UNC Nut	2	" '
16	8613	1/2" Nylok Nut	2	
17	7465	Nylok Nut 3/8" Dia.	4	
18	15880	Male Rod End	1	
19	1898	Nut 3/8" UNF	3	
20	956164	Linkage Tube Ass'y.	1	
21	1672	Bolt 3/8" UNC x 1 1/2" L.	2	
22	21174	Spacer	2	
23	955241	Lock Guide Ass'y.	2	
24	956192	Linkage Mount Ass'y.	1	
25	1642	Springwasher 3/8"	8	
26	5803	Female Rod End	2	
27	23489	Linkage Rod 13 3/4" L.	1	
28	955004	Cross Shaft Ass'y.	1	
29	3469	Bolt 3/8" UNC x 1/2" L.	4	
30	5891	Nylon Bearing	2	
31	1194	Nut 3/8" UNC	4	
32	1643	Plainwasher 3/8"	4	_
33	1387	Bolt 3/8" UNC x 1 1/4" L.	4	
34	1673	Bolt 3/8" UNC x 1 3/4" L.	1	
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FINAL DRIVE TRANSMISSION 3.

Axle Assembly	3.1
Chain Tightener Assembly	

FINAL DRIVE TRANSMISSION PLEASE NOTE: When ordering a new shaft and your seial number is below LE005284, you have to purchase a new sprocket, 031058SP, due to a change in the shaft.



PLEASE NOTE: When ordering a new shaft and your seial number is below LE005284, you have to purchase a new sprocket, 031058SP, due to a change in the shaft.

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AXLE ASSEMBLY — T103

3.1

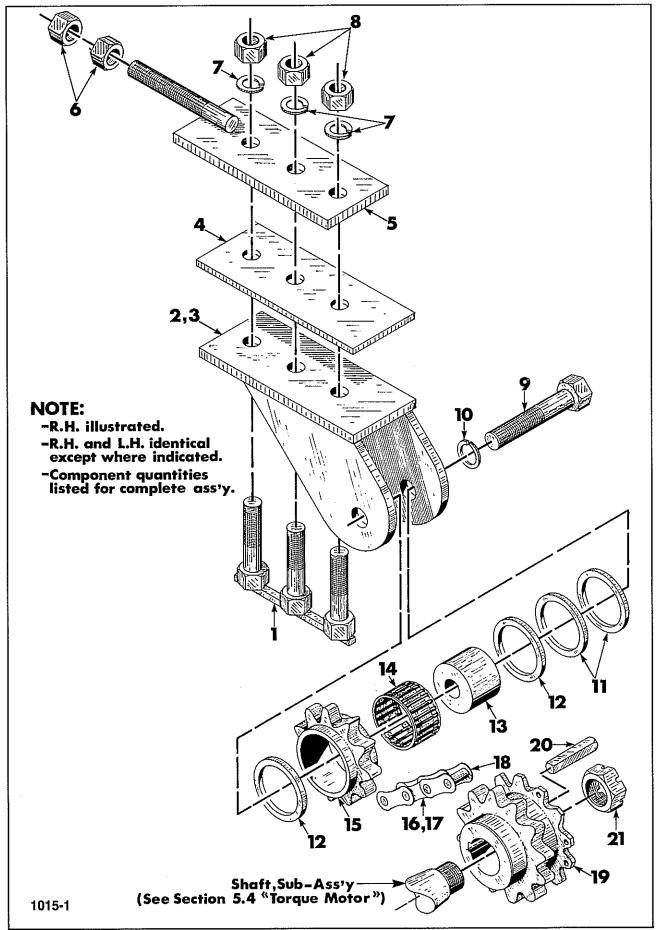
REF.	PART NO.	DESCRIPTION	QUANTITY T103	SERIAL NO.
1	960437	Axle Ass'y. (Studs included)	4	
2	5832	Machined Wheel Nut	24	
3	26188	Wheel Stud	24	,
4	22379	Key 1/2" x 2 1/4" L.	8	
5	3667	Oil Seal	4	
6	3665	Bearing	8	
7	5968	Race	8	
8	24306	Axle Sprocket 30T — No. 80	4	
9	22448	Axle Washer	4	
1.0	14877	Castle Nut 1" UNF	4	
11	6318	Split Pin 5/32" x 1 1/2" L.	4	
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PLEASE NOTE: When ordering a new shaft and your seial number is below LE005284, you have to purchase a new sprocket, 031058SP, due to a change in the shaft.

AXLE ASSEMBLY — T133

REF.	PART NO.	DESCRIPTION	QUANTITY T133	SERIAL NO.
1	960437	Axle Ass'y. (Studs included)	4	
2	5832	Machined Wheel Nut	24	
3	26188	Wheel Stud	24	
4	22379	Key 1/2" x 2 1/4" L.	8	
5	3667	Oil Seal	4	
6	3665	Bearing	8	
7	5968	Race	8	
8	031058	Axle Sprocket 28T — No. 100	4	
9	22448	Axle Washer	4	
10	14877	Castle Nut 1" UNF	4	
11	6318	Split Pin 5/32" x 1 1/2" L.	4	
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JUNE 1, 1985



CHAIN TIGHTENER ASSEMBLY — T103

REF.	PART NO.	DESCRIPTION	QUANTITY T103	SERIAL NO.
1	955364	Tightener Bolt Ass'y.	2	· · · ·
2	955383	R.H. Idler Support Ass'y.	1	
3	955382	L.H. Idler Support Ass'y.	1	
4	24579	Support Plate	2	
5	955374	Chain Tightener Adjuster	2	
6	1149	Nut 5/8" UNC	4	
7	24714	Springwasher 1/2" Dia. (Extra Duty)	6	
8	24713	Nut 1/2" UNC GR8	6	
9	23256	Bolt ¾" UNC x 3¼" L. (Fedalloy)	2	
10	23258	Springwasher ¾" Dia. (Fedalloy)	2	
11	24942	Washer 3" O.D. x 2" I.D. x 10 Ga.	4	
12	22960	Thrust Washer	4	
13	19813	Idler Shaft	2	
*14	24834	Oilite Bearing	2	
15	24308	Idler Sprocket 13T — No. 80	2	
16	25039	R.H. RS 80 Chain — 125 Links	1	
17	25039	L.H. RS 80 Chain — 125 Links	1	
18	16855	No. 80 Connector Link	2	
19	24307	Drive Sprocket 11T No. 80	2	
20	24986	Key	2	
21	18859	Nuts	2	

^{*}Not as illustrated

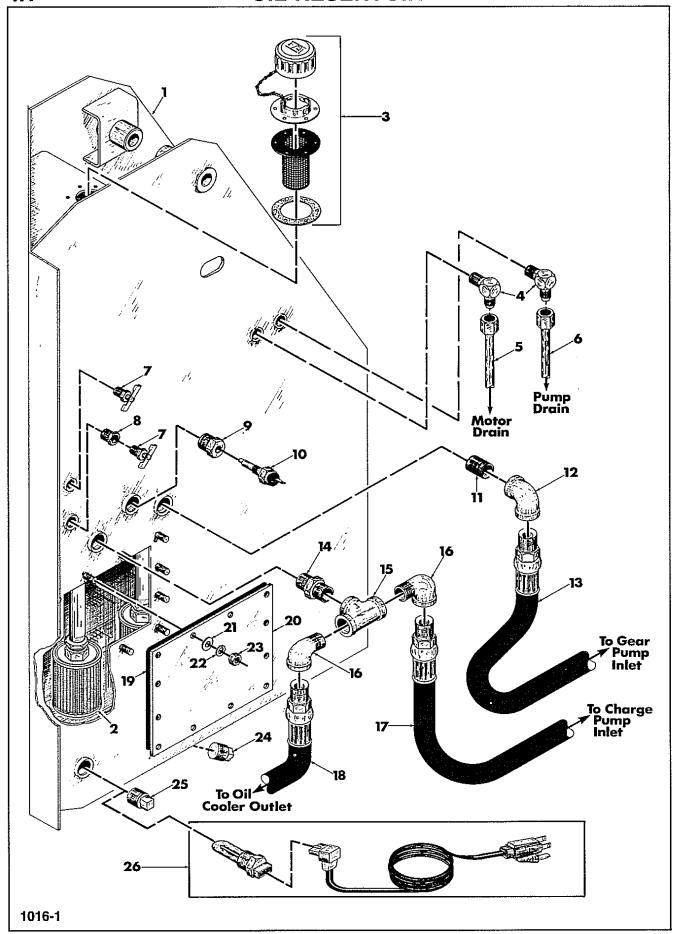
CHAIN TIGHTENER ASSEMBLY — T133

REF.	PART NO.	DESCRIPTION	QUANTITY T133	SERIAL NO.
1	954785	Tightener Bolt Ass'y.	2	
2	954623	R.H. Idler Support Ass'y.	1	
3	954622	L.H. Idler Support Ass'y.	1	
4	22467	Support Plate	2	
5	954621	Chain Tightener Adjuster	2	
6	1149	Nut %" UNC	4 /	
7	23257	Springwasher 5/8" Dia. (Fedalloy)	6	
8	23259	Nut 5/4" UNC (Fedalloy)	6	
9	23256	Bolt 3/4" UNC x 31/4" L. (Fedalloy)	2	
10	23258	Springwasher ¾" Dia. (Fedalloy)	2	_
11	24942	Washer 3" O.D. x 2" I.D. x 10 Ga.	4	
12	22960	Thrust Washer	4	
13	19813	Idler Shaft	2	
14	22950	Cage Roller Bearing	2	
15	22302	Idler Sprocket 10T — No. 100	2	
16	23706	R.H. RS 100 Chain — 113 Links	1	
17	23707	L.H. RS 100 Chain — 103 Links	1	
18	22951	No. 100 Connector Link	2	
19	22303	Drive Sprocket 11T — No. 100	2	
20	22075	Key	2	
21	22071	Nut	2	···

HYDRAULIC SYSTEM 4.

Oil Reservoir	4.1
Boom Lift Circuit	4.2
Boom Lift Circuit	4.2.A
Bucket Tilt Circuit	4.3
Bucket Tilt Circuit	
Auxiliary Hydraulic Circuit	
Auxiliary Gear Pump	
Control Valve	
Lift Cylinder	4.7
Optional Lift Cylinder — T133	
Tilt Cylinder	
Oil Cooler and Fittings	
	4.8

HYDRAULIC SYSTEM



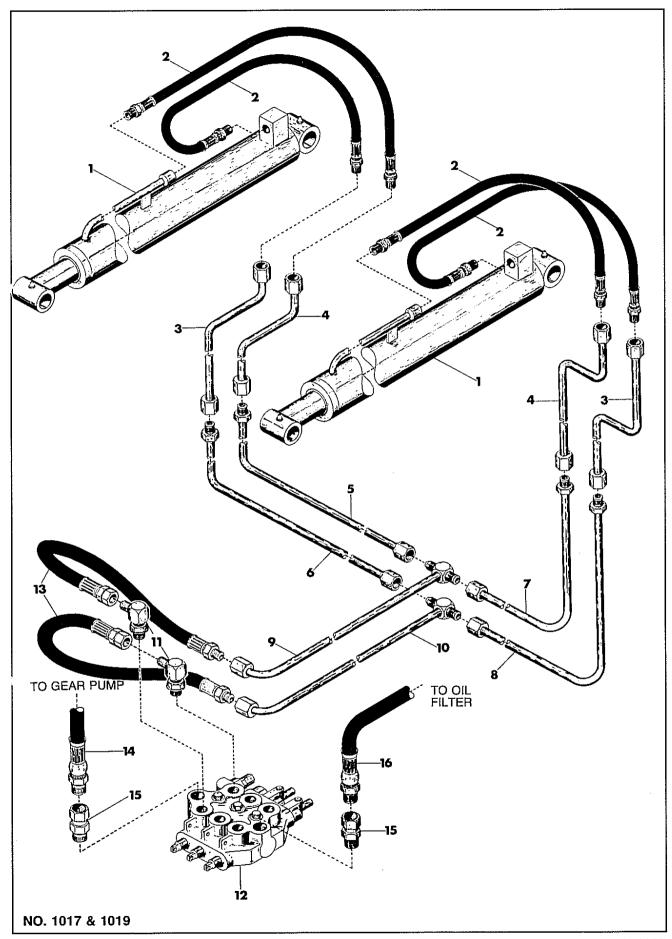
OIL RESERVOIR — T103

REF.	PART NO.	DESCRIPTION	QUANTITY T103	SERIAL NO.
1	955363	L.H. Oil Tank Ass'y.	1	
2	14898	Suction Filter 100 Micron	2	
3	18791	Filler Cap Ass'y.	1	
4	21324	%" JIC x %" NPT x 90° Male Elbow	2	
5	25000	Hyd. Pipe %" Dia.	1	
6	23334	Pump Drain %" Dia.	1	
7	17085	Drain Cock 1/4" Dia.	2	
8	6854	Reducing Bushing %" - 1/4" NPT	1	
9	23507	Reducing Bushing 3/4" - 1/4" NPT	1	
10	26656	Oil Temp. Sender 220°F (105°C)	1	
11	3224	3/4" NPT Close Nipple	1	
12	3252	3/4" NPT Street Elbow x 90° Female	1	
13	954954	Hyd. Hose ¾" NPT x 54" L.	1 1	
14	15304	3/4" NPT Hex. Adaptor	1	
15	3225	Tee 3/4" NPT	1	
16	1463	Street Elbow 90° x ¾" NPT	2	
17	954954	Hyd. Hose 3/4" NPT x 54" L.	1	
18	954632	Hyd. Hose ¾" NPT x 28" L.	1	
19	20901	Silicone Gasket Maker — 12 oz.	As Reg'd.	
20	22381	Inspection Hole Cover	1	
21	1651	Plainwasher 5/16" Dia.	12	
22	1870	Springwasher 5/16" Dia.	12	
23	1191	Nut 5/16" UNC	12	
24	17144	Magnetic Drain Plug ¾" NPT	1	
25	1458	Drain Plug ¾" NPT	1	
26	17631	Reservoir Heater — Optional 110-120 V only	1	

OIL RESERVOIR — T133

REF.	PART NO.	DESCRIPTION	QUANTITY T133	SERIAL NO.
1	954628	L.H. Oil Tank Ass'y.	1	
2	14898	Suction Filter 100 Micron	2	
3	18791	Filler Cap Ass'y.	1	
4	21324	%" JIC x %" NPT x 90° Male Elbow	2	
5	23337	Hyd. Pipe %" Dia.	1	
6	23334	Pump Drain %" Dia.	1	
7	17085	Drain Cock 1/4" Dia.	2	
8	6854	Reducing Bushing %" - 1/4" NPT	1	
9	23507	Reducing Bushing ¾" - ¼" NPT	1	
10	26656	Oil Temp. Sender 220°F (105°C)	1	
11	3224	3/4" NPT Close Nipple	1	
12	3252	34" NPT Street Elbow x 90° Female	11	
13	954954	Hyd. Hose ¾" NPT x 54" L.	1	
14	15304	3/4" NPT Hex. Adaptor	1	
15	3225	Tee ¾" NPT	1	
16	1463	Street Elbow 90° x ¾" NPT	2	
17	955335	Hyd. Hose ¾" NPT x 67½" L.	1	
18	954632	Hyd. Hose ¾" NPT x 28" L.	1	
19	20901	Silicone Gasket Maker — 12 oz.	As Req'd.	
20	22381	Inspection Hole Cover	1	
21	1651	Plainwasher 5/16" Dia.	12	
22	1870	Springwasher 5/16" Dia.	12	
23	1191	Nut 5/16" UNC	12	
24	17144	Magnetic Drain Plug ¾" NPT	1	
25	1458	Drain Plug ¾" NPT	1	
26	17631	Reservoir Heater — Optional 110-120 V only	1	

BOOM LIFT CIRCUIT



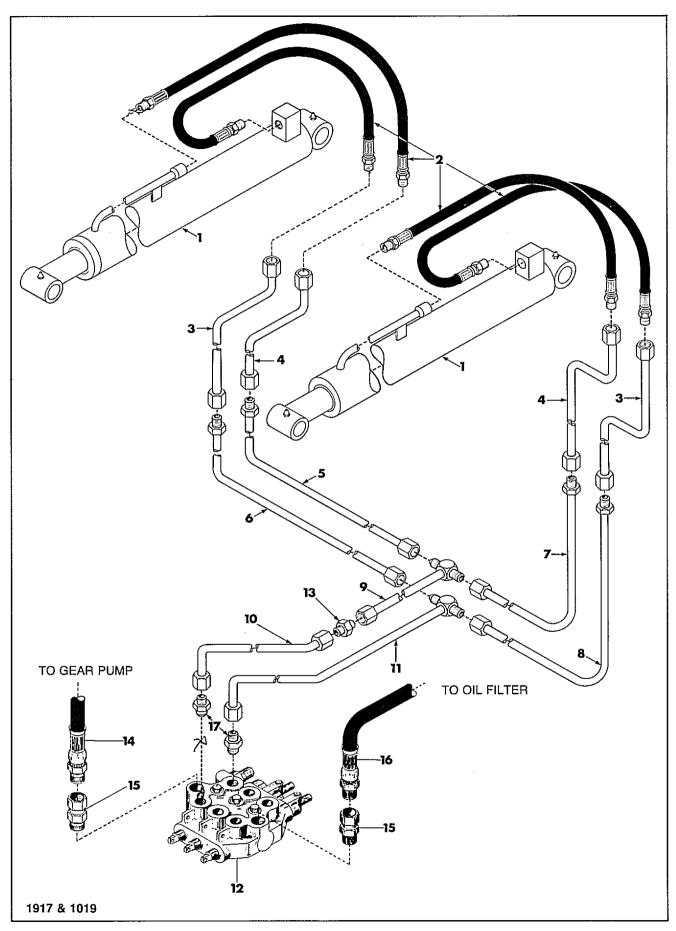
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REF.	PART NO.	DESCRIPTION	QUANTITY T103	SERIAL NO.
1	22555	Lift Cylinder	2	
2	954956	Hyd. Hose 1/4" Dia. x 231/2" L.	4	
3	23349	Hyd. Pipe ³/8" Dia.	2	
4	23345	Hyd. Pipe ³/8" Dia.	2	
5	23344	Hyd. Pipe ³/8" Dia.	1	
6	23348	Hyd. Pipe ³/8" Dia.	1	
7	23343	Hyd. Pipe ³/8" Dia.	1	
8	23347	Hyd. Pipe ³/8" Dia.	1	
9	23342	Hyd. Pipe ³/8" Dia.	1	
10	23346	Hyd. Pipe ³ / ₈ " Dia.	1	
11	21128	³ / ₈ " JIC x ¹ / ₂ " ORB x 90° Conn.	2	
12	956262	Control Valve	1	
13	956076	Hyd. Hose 21" L.	2	
14	956362	Hyd. Hose 11 1/2" L.	1	
15	15648	3/4" NPSM x 5/8" ORB Conn.	2	
16	954955	Hyd. Hose 3/4" NPT x 61 1/2" L.	1	

BOOM LIFT CIRCUIT — T133 SERIAL NO. LE 000537 - LE 000718

1100 CEITIAE 110: EE 00000: EE 000: 10				<u> </u>
REF.	PART NO.	DESCRIPTION	QUANTITY T-133	SERIAL NO.
1	22555	Lift Cylinder	2	
2	954956	Hyd. Hose 1/4" Dia. x 231/2" L.	4	
3	23349	Hyd. Pipe ³/̞̞ʁ'' Dia.	2	
4	23345	Hyd. Pipe ³/8" Dia.	2	
5	23344	Hyd. Pipe ³/8'' Dia.	1	
6	23348	Hyd. Pipe ³/₅" Dia.	1	
7	23343	Hyd. Pipe ³/8'' Dia.	1	
8	23347	Hyd. Pipe ³/в" Dia.	1	
9	23342	Hyd. Pipe ³/8" Dia.	1	
10	23346	Hyd. Pipe ³/8" Dia.	1	
11	21128	³ / ₈ " JIC x ¹ / ₂ " ORB x 90° Conn.	2	
12	956262	Control Valve	1	
13	956076	Hyd. Hose 21" L.	2	
14	956362	Hyd. Hose 11 1/2" L.	1	
15	15648	3/4" NPSM x 5/8" ORB Conn.	2	
16	954955	Hyd. Hose 3/4" NPT x 61 1/2" L.	1	
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BOOM LIFT CIRCUIT



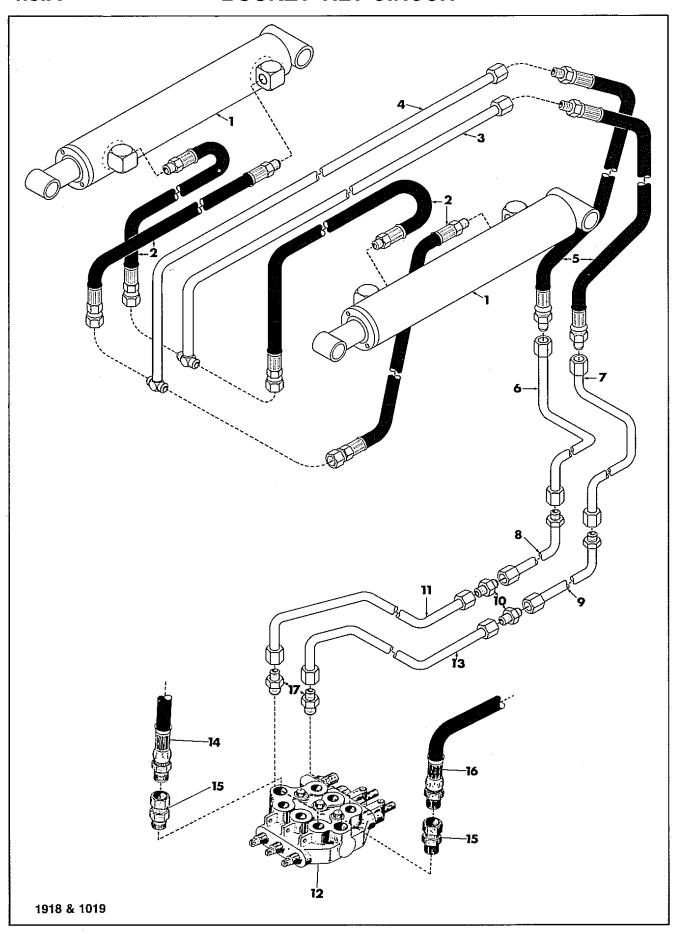
BUCKET TILT CIRCUIT — T103 SERIAL NO. LC 000210 - LC 000256

REF.	PART NO.	DESCRIPTION	QUANTITY T103	SERIAL NO.	
1	22554	Tilt Cylinder	2		
2	954958	Hyd. Hose 3/8" Dia. x 17" L.	4		
3	23356	Hyd. Pipe 1/2" Dia.	1		
4	23355	Hyd. Pipe 1/2" Dia.	1		
5	954957	Hyd. Hose 3/8" Dia. x 17 1/2" L.	2		
6	23329	Hyd. Pipe 1/2" Dia.	1		
7	23331	Hyd. Pipe 1/2" Dia.	1		
8	23328	Hyd. Pipe 1/2" Dia.	1		
9	23330	Hyd. Pipe 1/2" Dia.	1		
10	23388	1/2" JIC x 1/2" ORB x 90° Elbow	2		
11	956075	Hyd. Hose 3/8" Dia.	2	-0-111	
12	956262	Control Valve	1		
14	956362	Hyd. Hose 5/8" x 11 1/2" L.	1		
15	15648	3/4" NPSM x 5/8" ORB Conn.	2		
16	954955	Hyd. Hose 3/4" NPT x 61 1/2" L.	1		

BUCKET TILT CIRCUIT — T133 SERIAL NO. LE 000537 - LE 000718

REF.	PART NO.	DESCRIPTION	QUANTITY T133	SERIAL NO.
1	22554	Tilt Cylinder	2	
2	954958	Hyd. Hose 3/8" Dia. x 17" L. Hyd. Pipe 1/2" Dia.	4	
3	23356		1	
4	23355	Hyd. Pipe 1/2" Dia.	1	
5	954957	Hyd. Hose 3/8" Dia. x 17 1/2" L.	2	
6	23329	Hyd. Pipe 1/2" Dia.	1	
7	23331	Hyd. Pipe 1/2" Dia.	1	
8	23328	Hyd. Pipe 1/2" Dia.	1	
9	23330	Hyd. Pipe 1/2" Dia.	1	
10	23388	1/2" JIC x 1/2" ORB x 90° Elbow	2	
11	956075	Hyd. Hose 3/8" Dia.	2	
12	956262	Control Valve	1	10 × 10
14	956362	Hyd. Hose 11 1/2" L.	7	
15	15648	3/4" NPSM x 5/8" ORB Conn.	2	
16	954955	Hyd. Hose 3/4" NPT x 61 1/2" L.	1	
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BUCKET TILT CIRCUIT



T103 — BOOM LIFT CIRCUIT SERIAL NO. LC 000256 ONWARD

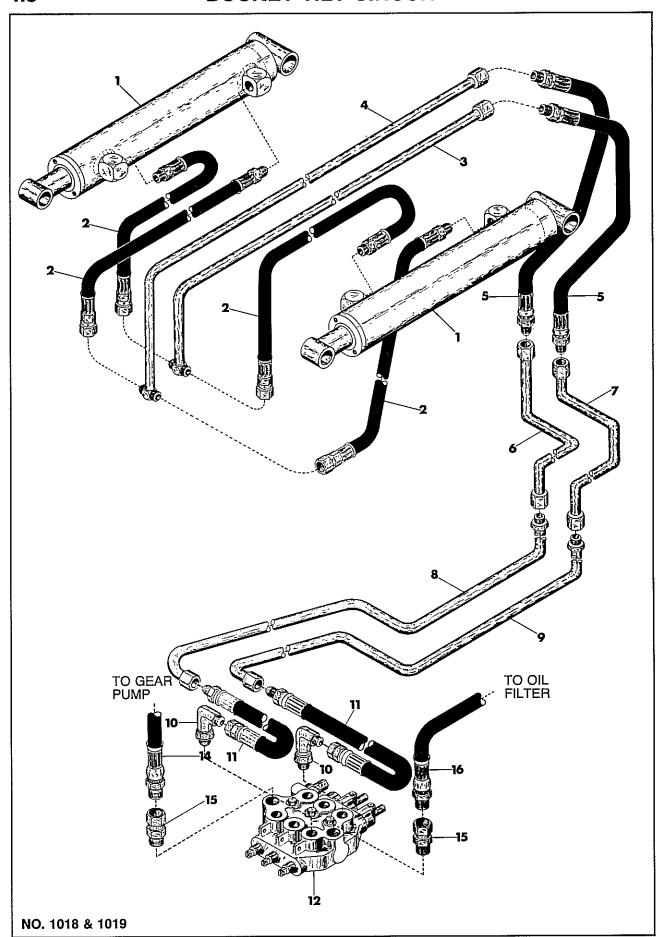
4.2.A

REF.	PART NO.	DESCRIPTION	QUANTITY T103	SERIAL NO.
1	22555	Lift Cylinder	2	
2	956201	Hyd. Hose 3/8" I.D. x 23 1/2" L.	4	
_3	25973	Hyd. Pipe 1/2" O.D.	2	
4	25960	Hyd. Pipe 1/2" O.D.	2	
5	25959	Hyd. Pipe 1/2" O.D.	1	
6	25972	Hyd. Pipe 1/2" O.D.	1	
7	25961	Hyd. Pipe 1/2" O.D.	1 1	
8	25974	Hyd. Pipe 1/2" O.D.	1	-
9	25958	Hyd. Pipe 1/2" O.D.	1	
10	25970	Hyd. Pipe 1/2" O.D.	1	
11	25971	Hyd. Pipe 1/2" O.D.	<u> </u>	
12	956262	Control Valve		
13	26167	Hyd. Fitting 1/2" JIC	 	
14	956362	Hyd. Hose 11 1/2" L.		
15	15648	3/4" NPSM x 5/8" ORB Connector	2	
16	954955	Hyd. Hose 3/4" NPT x 61 1/2" L.	- -	
17	19238	Hyd. Connector 1/2" JIC x 1/2" ORB	2	
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T133 — BOOM LIFT CIRCUIT SERIAL NO. LE 000718 ONWARD

4.2.A

REF.	PART NO.	DESCRIPTION	QUANTITY T133	SERIAL NO.
1	22555	Lift Cylinder	2	<u> </u>
2	956201	Hyd. Hose 3/8" I.D. x 23 1/2" L.	4	-
3	25973	Hyd. Pipe 1/2" O.D.	2	····
4	25960	Hyd. Pipe 1/2" O.D.	2	
5	25959	Hyd. Pipe 1/2" O.D.	1	
6	25972	Hyd. Pipe 1/2" O.D.	1	
7	25961	Hyd. Pipe 1/2" O.D.	1	
8	25974	Hyd. Pipe 1/2" O.D.	1	
9	25958	Hyd. Pipe 1/2" O.D.	1	
10	25970	Hyd. Pipe 1/2" O.D.	1	
11	25971	Hyd. Pipe 1/2" O.D.	1 1	
12	956262	Control Valve	1 1	
13	26167	Hyd. Fitting 1/2" JIC	1	
14	956362	Hyd. Hose 11 1/2" L.	_ †	·····
15	15648	3/4" NPSM x 5/8" ORB Connector	2	
16	954955	Hyd. Hose 3/4" NPT x 61 1/2" L.	1	
17	19238	Hyd. Connector 1/2" JIC x 1/2" ORB	2	
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T103 — BUCKET TILT CIRCUIT SERIAL NO. LC 000210 - LC 000256

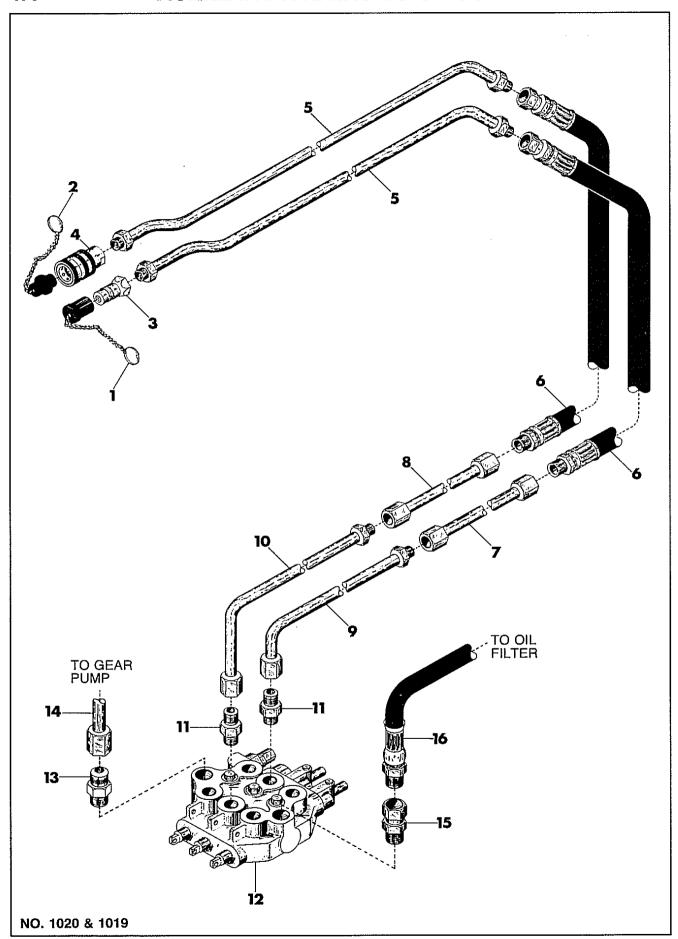
4.3.A

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REF.	PART NO.	DESCRIPTION	QUANTITY T103	SERIAL NO.
1	22554	Hyd. Tilt Cylinder	2	
2	954958	Hyd. Hose 3/8" I.D. x 17" L.	4	
3	23356	Hyd. Pipe 1/2" O.D.	1	
4	23355	Hyd. Pipe 1/2" O.D.	1	
5	954957	Hyd. Hose 3/8" l.D. x 17 1/2" L.	2	
6	23329	Hyd. Pipe 1/2" O.D.	1	
7	23331	Hyd. Pipe 1/2" O.D.	1	1
8	25964	Hyd. Pipe 1/2" O.D.	1	
9	25967	Hyd. Pipe 1/2" O.D.	1	
10	26167	Hyd. Fitting 1/2" JIC	2	
11	25969	Hyd. Pipe 1/2" O.D.	1	
12	956262	Control Valve	1	
13	25968	Hyd. Pipe 1/2" O.D.	1	
14	956362	Hyd. Hose 11 1/2" L.	1	
15	15648	3/4" NPSM x 5/8" ORB Connector	2	
16	954955	Hyd. Hose 3/4" NPT x 61 1/2" L.	1	
17	19238	Hyd. Connector 1/2" JIC x 1/2" ORB	2	

T133 — BUCKET TILT CIRCUIT SERIAL NO. LE 000537 - LE 000718

4.3.A

	3211AE NO. EE 000337 - EE 0007 10					
REF.	PART NO.	DESCRIPTION	QUANTITY T133	SERIAL NO.		
1	22554	Hyd. Tilt Cylinder	2			
2	954958 Hyd. Hose 3/8" I.D. x 17" L 23356 Hyd. Pipe 1/2" O.D.	Hyd. Hose 3/8" I.D. x 17" L.	4			
3		Hyd. Pipe 1/2" O.D.	1			
4	23355	Hyd. Pipe 1/2" O.D.	1			
5	954957	Hyd. Hose 3/8" I.D. x 17 1/2" L.	2			
6	23329	Hyd. Pipe 1/2" O.D.	1			
7	23331	Hyd. Pipe 1/2" O.D.	1			
8	25964	Hyd. Pipe 1/2" O.D.	1			
9.	25967	Hyd. Pipe 1/2" O.D.	1			
10	26167	Hyd. Fitting 1/2" JIC	2			
11	25969	Hyd. Pipe 1/2" O.D.	1			
12	956262	Control Valve	1			
13	25968	Hyd. Pipe 1/2" O.D.	1			
14	956362	Hyd. Hose 11 1/2" L.	1			
15	15648	3/4" NPSM x 5/8" ORB Connector	2			
16	954955	Hyd. Hose 3/4" NPT x 61 1/2" L.	1	***		
17	19238	Hyd. Connector 1/2" JIC x 1/2" ORB	2			
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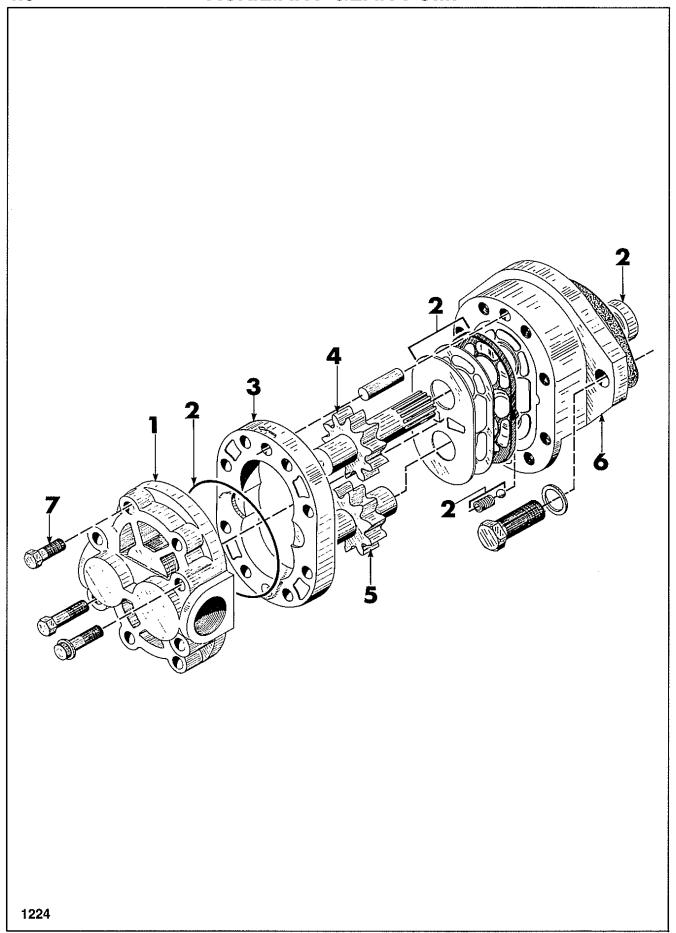
AUXILIARY HYDRAULIC CIRCUIT — T103

4.4

REF.	PART NO.	DESCRIPTION	QUANTITY T103	SERIAL NO.
1	7667	Male End Plug	1	
2	7124	Female End Plug	1	
3	1803	Male Quick Change Coupling	1	
4	6608	Female Quick Change Coupling	1	
5	23357	Hyd. Pipe ¹/₂" Dia.	2	
6	954959	Hyd. Hose ³ / ₈ " Dia. x 17 ³ / ₄ " L.	2	
7	23341	Hyd. Pipe 1/2" Dia.	1	
8	23339	Hyd. Pipe 1/₂" Dia.	1	
9	23340	Hyd. Pipe 1/2" Dia.	1	
10	23338	Hyd. Pipe ¹/₂" Dia.	1 .	
11	19238	1/2" JIC x 1/2" ORB St. Male Conn.	2	·
12	956262	Control Valve	1	
14	956362	Hyd. Hose 11 1/2" L.	1	
15	15648	3/4" NPSM x 5/8" ORB Conn.	2	
16	954955	Hyd. Hose 3/4" NPT x 61 1/2" L.	1	
		:		

AUXILIARY HYDRAULIC CIRCUIT — T133

REF.	PART NO.	DESCRIPTION	QUANTITY T-133	SERIAL NO.
1	7667	Male End Plug	1	
2	7124	Female End Plug	1	
3	1803	Male Quick Change Coupling	1	
4	6608	Female Quick Change Coupling	1	
5	23357	Hyd. Pipe 1/₂" Dia.	2	
6	954959	Hyd. Hose ³ / ₈ " Dia. x 17 ³ / ₄ " L.	2	
7	23341	Hyd. Pipe 1/2" Dia.	1	
8	23339	Hyd. Pipe 1/2" Dia.	1	
9	23340	Hyd. Pipe ¹/₂" Dia.	1	
10	23338	Hyd. Pipe 1/2" Dia.	1	
11	19238	1/2" JIC x 1/2" ORB St. Male Conn.	2	
12	956262	Control Valve	1	·
14	956362	Hyd. Hose 11 1/2" L.	1	
15	15648	3/4" NPSM x 5/8" ORB Conn.	2	
16	954955	Hyd. Hose 3/4" NPT x 61 1/2" L.	1	

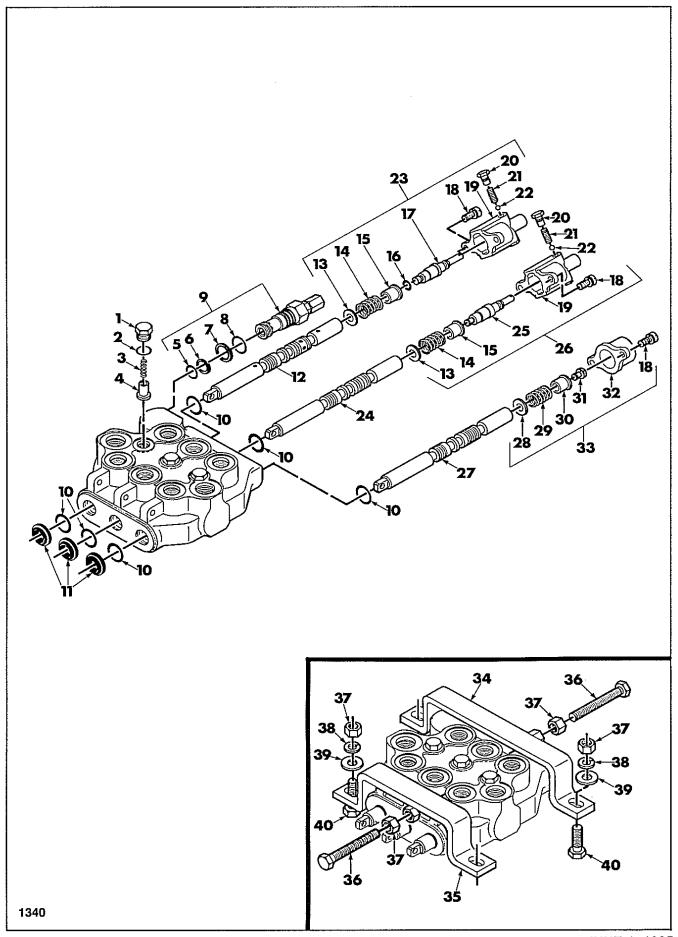


REF.	PART NO.	DESCRIPTION	QUANTITY T103	SERIAL NO.
	25045	Gear Pump Complete	1	
1	14938	Back Plate	1	
2	951078	Seal Kit	1	
3	25046	Body	1	
4	25047	Drive Gear Assembly	1	
5	25048	Idler Gear Assembly	1	
6	14939	Front Plate	1	
7	N.S.P.	Cap Screw, Torque 25-28 ft. lbs. (34-38 N.M.)	8	
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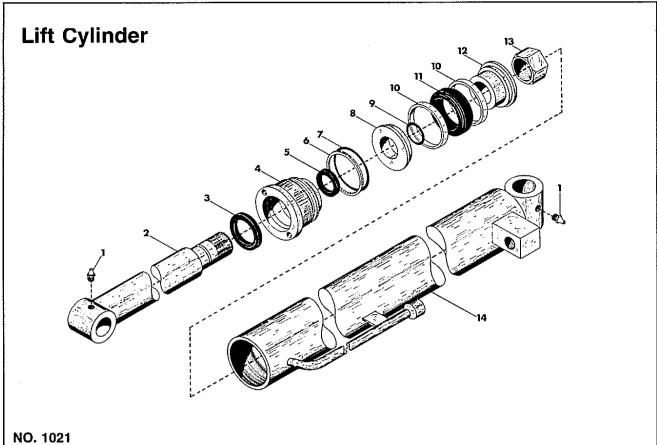
AUXILIARY GEAR PUMP — T133

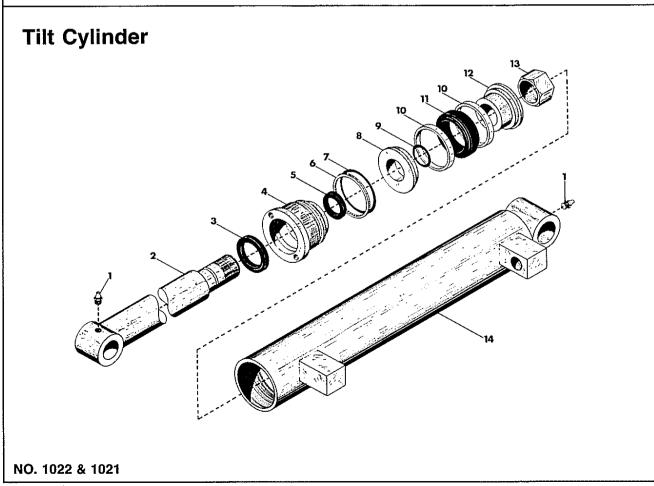
REF.	PART NO.	DESCRIPTION	QUANTITY T-133	SERIAL NO.
	14944	Gear Pump Complete	1	
1	14938	Back Plate	1	
2	951078	Seal Kit	1	
3	14937	Body	1	
4	14941	Drive Gear Assembly	1	
5	14940	Idler Gear Assembly	1	
6	14939	Front Plate	1	
7	N.S.P.	Cap Screw, Torque 25-28 ft. lbs. (34-38 N.M	.) 8	
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4.6 CONTROL VALVE AND STABILIZER ASSEMBLY



	·		QUA	NTITY	
REF.	PART NO.	DESCRIPTION	T103/		SERIAL NO.
	956262	Control Valve Assembly	1	1	
1	18767	Check Plug	3	3	
2	See 41	"O" Ring	3	3	
3	18768	Spring	3	3	
4	18769	Poppet "O" Ring	3	3 1	
5	See 41		1 1	1	
6	See 41	Back-up Washer	1	1	
7 8	See 41 See 41	Back-up Washer "O" Ring	1 1	1	
9	18766	Relief Valve Assembly	+ +	1	
10	See 41	"O" Ring	6	6	
11	See 41	Wiper Seal	3	3	
12	N.S.P.	Spool, Boom w/Float	1 1	1	***************************************
13	18752	Return Washer	1 2	2	
14	18753	Return Spring	2	2	
15	18754	Spacer	2	2	·
16	See 41	"O" Ring	1 1	1	
17	26062	Detent Spool, Boom Red (Torque 2-3 ft. lbs.)	1 1	1	
18	20252	Screw, w/Lockwasher	6	6	
19	18756	Detent End Cap	2	2	
20	18759	Detent Plug	4	4	
21	18758	Detent Spring	4	4	
22	18757	Steel Ball	4	4	-
23	26059	Detent, End Kit, Lift (Red Spool)	1	1	
24	N.S.P.	Auxiliary Spool, w/Detent	1 1	1	
25	18760	Aux. Spool, Blue (Torque 2-3 ft. lbs.)	1 1	1	
26	24433	Aux. Detent End Kit (Blue Spool)	1 1	1	
27	N.S.P.	Bucket Spool	1	1	, ,
28	18761	Return Washer	1	1	
29	18762	Return Spring	1	1	
30	18763	Spacer	1	1	•
31	18764	Screw w/Lockwasher (Torque 2-3 ft. lbs.)	1	1	
32	18765	End Cap	1	1	
33	24431	Spring Centre Kit	1	1	
34	956066	Rear Control Valve Stabilizer Assembly	1	1	
35	956065	Front Control Valve Stabilizer Assembly	1	1	
36	25687	Bolt 3/8" UNC x 3" L.	2	2	
37	1194	Nut 3/8" UNC	6	6	
38	1642	Springwasher 3/8" Dia.	4	4	
39	1643	Plainwasher 3/8" Dia.	4	4	
40	1387	Bolt 3/8" UNC x 1 1/4" L.	4	4	
41	26071	Seal Kit (Includes 2, 5, 6, 7, 8, 10, 11, 16)	1	1	
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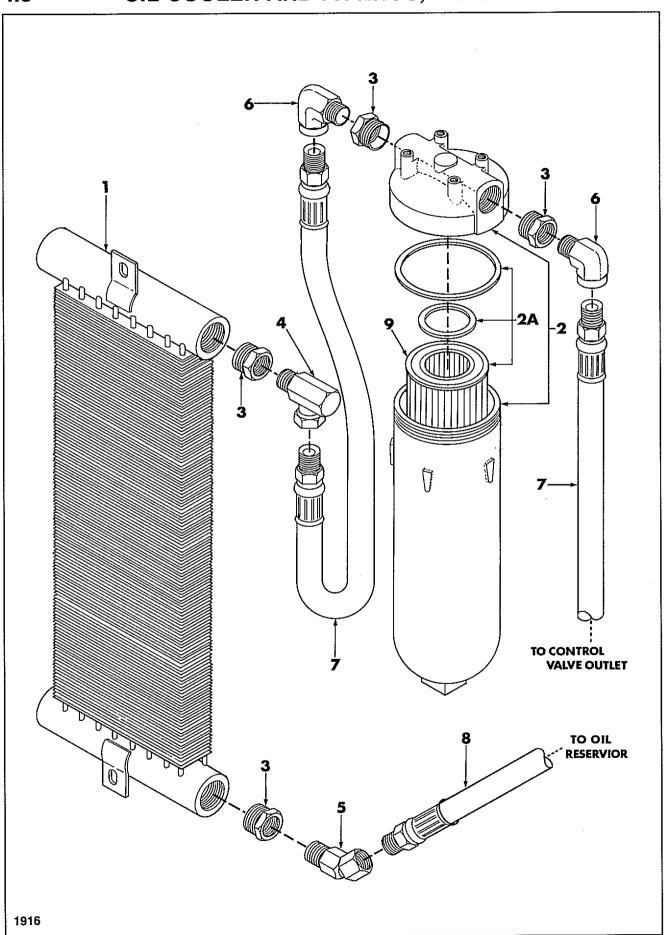
REF.	PART NO.	DESCRIPTION	QUANTITY T103 T133		SERIAL NO.
	22555	Lift Cylinder 2" I.D. x 271/8" x 11/4" Rod	1	1	
1	2010	Grease Fitting 1/6" NPT	2	2	
2	23533	Shaft	1	1	
3	See Item 15	Seal	1	1	
4	23534	End Cap	1	1	
5	See Item 15	Rod Seal	1	1	
6	See Item 15	Back-Up Washer	. 1	1	"
7	See Item 15	'O' Ring	1	1	
8	23535	Piston Front Section	1	1	*
9	See Item 15	'O' Ring	1	1	
10	See Item 15	Bearing	2	2	
11	See Item 15	Piston Seal	1	1	
12	23536	Piston Rear Section	1	1 1	
13	23530	Nut	1	1	
14	23538	Cylinder Body	1	1	
15	23539	Seal Kit, Complete	1	1	

OPTIONAL LIFT CYLINDER — T133

REF.	PART NO.	DESCRIPTION	QUANTITY T133	SERIAL NO.
	24379	Opt. Lift Cylinder, 2" I.D. x 27 1/8" x 1 1/2" Rod	1	
1	2010	Grease Fitting 1/4" NPT	2	
2	25051	Shaft	1	
3	See Item 15	Seal	1	
4	25052	End Cap	1	
5	See Item 15	Rod Seal	1	
6	See Item 15	Back-Up Washer ·	1	
7	See Item 15	'O' Ring	1	
8	23535	Piston Front Section	1	
9	See Item 15	'O' Ring	1	
10	See Item 15	Bearing	2	
11	See Item 15	Piston Seal	1	
12	23536	Piston Rear Section	1	
13	23530	Nut	1	
14	23538	Cylinder Body	1	
15	25055	Seal Kit, Complete	1	

TILT CYLINDER

REF.	PART NO.	DESCRIPTION	QUA! T103	NTITY T133	SERIAL NO.
	22554	Tilt Cylinder 2½" I.D. x 13%" x 11/6" Rod	1	1 1	
1	2010	Grease Fitting 1/8" NPT	2	2	
2	23526	Shaft	1	1	
3	See Item 15	Seal	1	1	
4	23527	End Cap	1	1	
5	See Item 15	Rod Seal	1	1	
6	See Item 15	Back-Up Washer	1	1	
7	See Item 15	'O' Ring	1	1	
8	23528	Piston Front Section	1	1	
9	See Item 15	'O' Ring	1	1	
10	See Item 15	Bearing	2	2	
11	See Item 15	Piston Seal	1	1	
12	23529	Piston Rear Section	1	1	
13	23530	Nut	1	1	
14	23531	Cylinder Body	1	1	
15	23532	Seal Kit, Complete	1	1	



OIL COOLER, FILTER AND FITTINGS — T103

REF.	PART NO.	DESCRIPTION	QUANTITY T103	SERIAL NO.
1	22957	Oil Cooler Assembly	1	
2	16027	Oil Filter Assembly — consists	1	
		of head, body, elements & seals		
2A	16028	Element — includes seals	11	
3	4569	Reducer, 1" NPT x 3/4" NPT	4	
4	6111	Elbow, 3/4" NPSM x 3/4" NPT x 90°	1	
5	23509	Elbow, 3/4" NPSM x 3/4" NPT x 45°	1	
6	1463	Elbow, Street 90° x 3/4" NPT	2	
7	954955	Hyd. Hose 3/4" NPT x 61 1/2" L.	2	
8	954632	Hyd. Hose 3/4" NPT x 28" L.	1	
9	14898	Element, Suction 100 Micron	2	

OIL COOLER, FILTER AND FITTINGS — T133 4.8

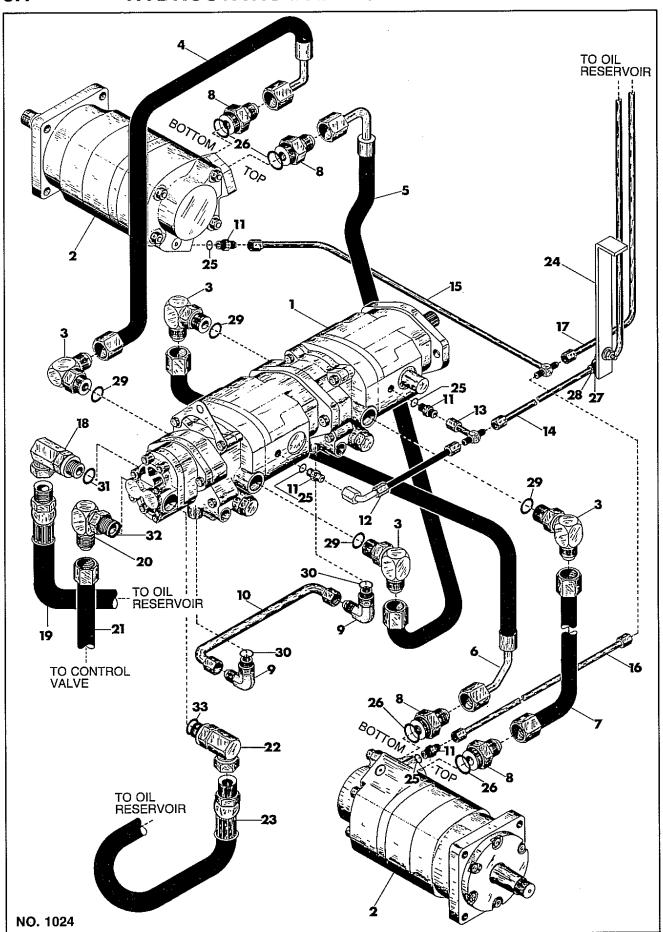
REF.	PART NO.	DESCRIPTION	QUANTITY T-133	SERIAL NO.
1	22957	Oil Cooler Assembly	1	
2	16027	Oil Filter Assembly — consists	1	
		of head, body, elements & seals		
2A	16028	Element — includes seals	1	
3	4569	Reducer, 1" NPT x 3/4" NPT	4	
4	6111	Elbow, 3/4" NPSM x 3/4" NPT x 90°	1	
5	23509	Elbow, 3/4" NPSM x 3/4" NPT x 45°	1	
6	1463	Elbow, Street 90° x 3/4" NPT	2	
7	954955	Hyd. Hose 3/4" NPT x 61 1/2" L.	2	
8	954632	Hyd. Hose 3/4" NPT x 28" L.	1	
9	14898	Element, Suction 100 Micron	2	

4.8

HYDROSTATIC DRIVE SYSTEM 5.

Hydrostatic Drive Circuit — T103	5.1
Hydrostatic Drive Circuit — T133	
Front Hydrostatic Pump (with Charge Pump) — T103	
Front Hydrostatic Pump (with Charge Pump) - T133	
Rear Hydrostatic Pump — T103	
Rear Hydrostatic Pump — T133	
•	5.4

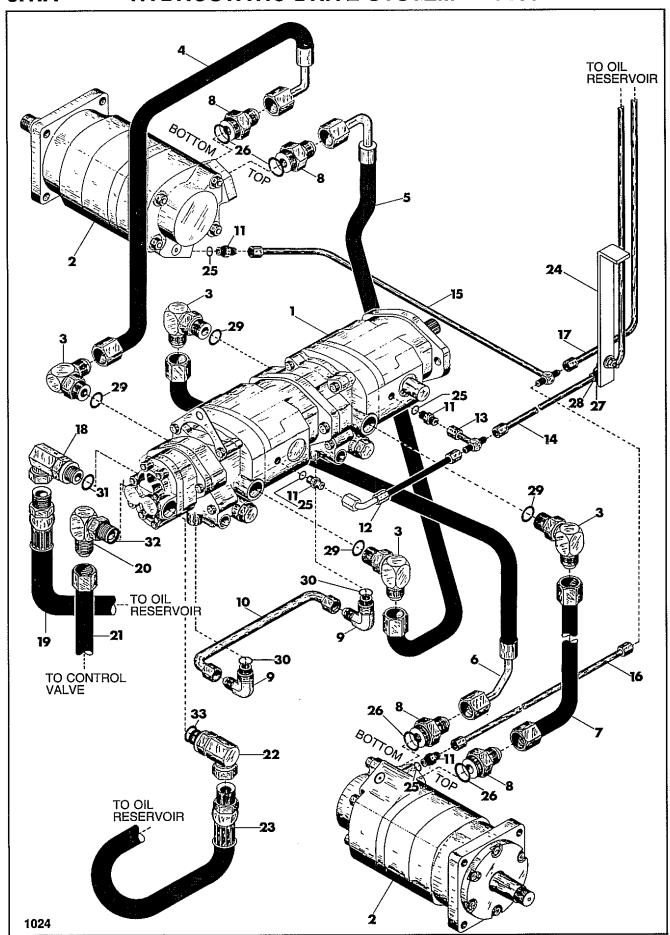
HYDROSTATIC DRIVE SYSTEM



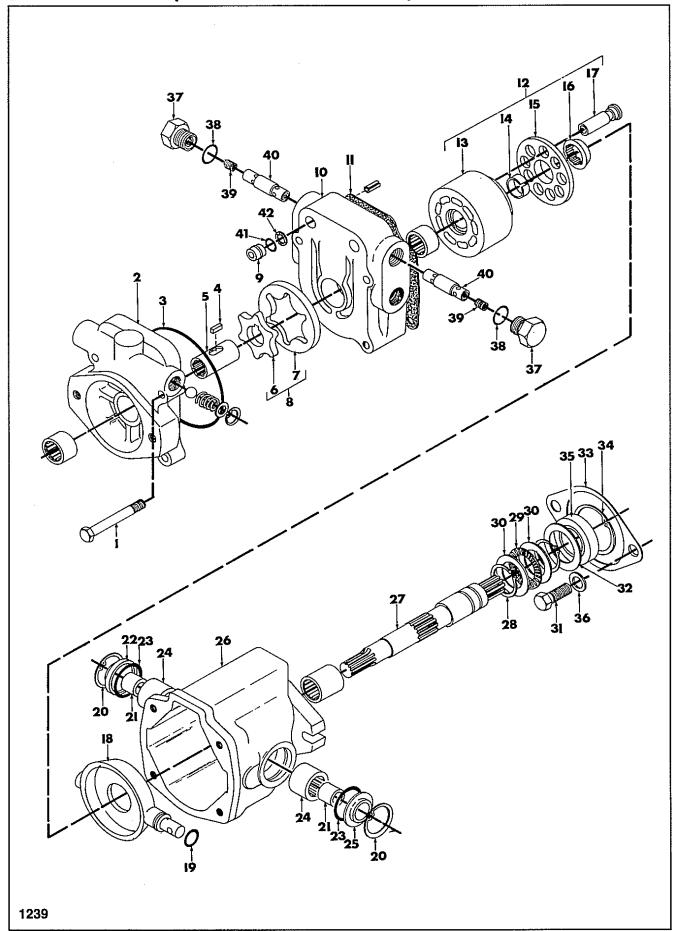
JUNE 1, 1985

			QUANTITY	OFFILM NO
REF.	PART NO.	DESCRIPTION	T103	SERIAL NO.
1	24869	Hydrostatic Tandem Piston Pump Hydraulic Torque Motor	2	
2	24441	Fitting (JIC 1 1/16" THD x ORB 1 1/16" THD x	4 '	
*3	14866	90°	4	
4	23994	Hyd. Hose	1	
5	23994	Hyd. Hose	- i	
6	23994	Hyd. Hose	1	
7	23994	Hyd. Hose	i	
*8	19233	Fitting (JIC 1 1/16" THD x ORB 7/8" THD)	4	
*9	21125	Hyd. Fitting 3/8" JIC x 3/8" ORB x 90°	2	
10	24999	Hyd. Pipe 3/8" (transfer line)	1	
*11	19240	Connector 3/8" JIC x 3/8" ORB (pump drains)	2	
*11	21121	Connector 3/8" JIC x 1/2" ORB (motor drains)	2	
12	956191	Hyd. Hose 3/8" JIC x 24" L.	1	
13	23333	Hyd. Pipe 3/8" Dia. (rear pump drain)	1	
14	23334	Hyd. Pipe 3/8" Dia. (pump drain)	1	
15	24991	Hyd. Pipe 3/8" Dia. (R.H. motor drain)	1	<u></u>
16	20516	Hyd. Pipe 3/8" Dia. (L.H. motor drain)	1	
17	25000	Hyd. Pipe 3/8" Dia. (tee to tank) Hyd. Fitting 3/4" NPT x 1/2" ORB x 90°	1	
*18 19	8063 954954	Hyd. Hose 3/4" NPT x 54" L.	1	
*20	19232	Connector 5/8" JIC x 5/8" ORB x 90°	1	
21	956362	Hyd. Hose 5/8" JIC x 5/8" I.D. x 11 1/2" L.	1	
*22	6118	Connector 3/4" NPSM x 3/4" ORB x 90°	1	
23	954954	Hyd. Hose 3/4" NPT x 54" L.	1	
24	26236	Clamp Mount	1	
25	23747	'O' Ring (pump drains)		
25	23747	'O' Ring (motor drains)	2	
26	23749	'O' Ring	4	
27	25074	Clamp	1	
28	26464	Clamp Mount Rubber	1	
29	8302	'O' Ring		
30	23747	'O' Ring		
31	23748	'O' Ring		
32	23749	'O' Ring		
33	8302	'O' Ring		
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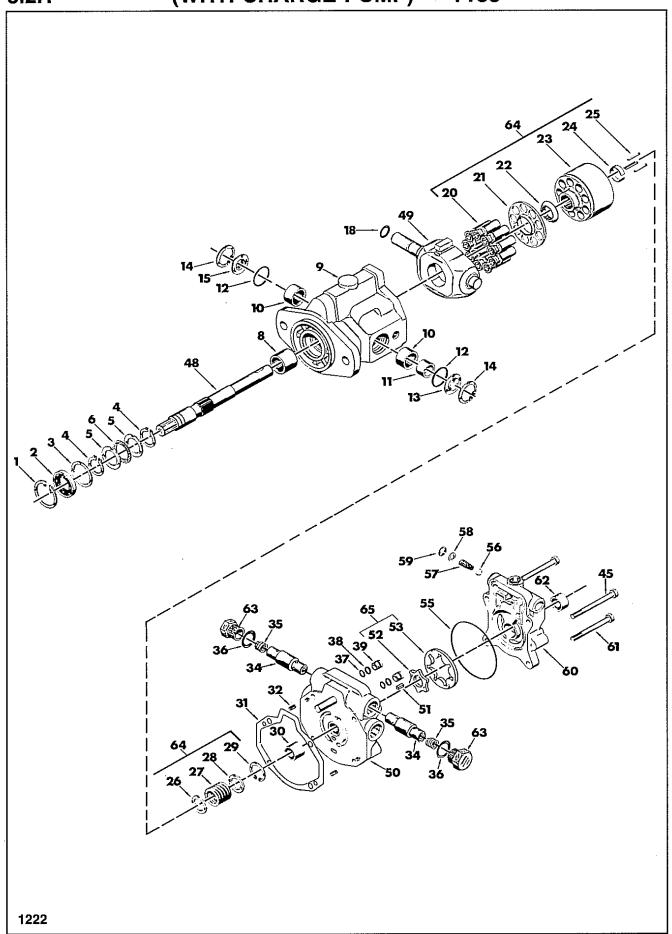
5.1.A HYDROSTATIC DRIVE SYSTEM — T133



REF.	PART NO.	DESCRIPTION	QUANTITY T133	SERIAL NO.
1	21603	Hydrostatic Tandem Piston Pump	1	
2	22581	Hydraulic Torque Motor	2	
*3	14866	Connector 3/4" JIC x 3/4" ORB x 90°	.4	
4	23992	Hyd. Hose	1	
5	23992	Hyd. Hose	11	
6	23812	Hyd. Hose	1	
7	23994	Hyd. Hose	1	
*8	8104	Connector 3/4" JIC x 1" ORB	4	
*9	23388	Connector 1/2" JIC x 1/2" ORB x 90°	2	
10	19239	Hyd. Pipe 1/2" Dia. (transfer line)	1	
*11	19240	Connector 3/8" JIC x 3/8" ORB	4	
12	956191	Hyd. Hose 3/8" JIC (front pump drain)	1	
13	23333	Hyd. Pipe 3/8" Dia. (rear pump drain)	1 1	
14	23334	Hyd. Pipe 3/8" Dia. (pump drain)	1	
15	23336	Hyd. Pipe 3/8" Dia. (R.H. motor drain)	1	
16	23335	Hyd. Pipe 3/8" Dia. (L.H. motor drain)	1	
17	23337	Hyd. Pipe 3/8" Dia. (motor drain)	1	
*18	24550	Swivel Adaptor 3/4" NPT x 1/2" ORB x St.	1	
19	955335	Hyd. Hose 3/4" NPT x 67 1/2" L.	1	İ
*20	19226	Connector 5/8" JIC x 5/8" ORB	1	
21	956361	Hyd. Hose 5/8" JIC x 5/8" I.D. x 9 7/8" L.	1	
	330001	(gear pump outlet)	<u>'</u>	
*22	6118	Connector 3/4" NPSM x 3/4" ORB x 90°	1	
23	954954	Hyd. Hose 3/4" NPT x 54" L.	1	
24	26236	Clamp Mount	1 1	
25	23747	'O' Ring	4	
26	23750	'O' Ring	4	
27	25074	Clamp	1 1	
		· · · · · · · · · · · · · · · · · · ·		
28 29	26464 8302	Clamp Rubber 'O' Ring	4	
30	23748	'O' Ring	2	
31	23748	'O' Ring	1	
32	23749	'O' Ring		
33	8302	'O' Ring	1	
	ngs included wi		<u> </u>	<u> </u>
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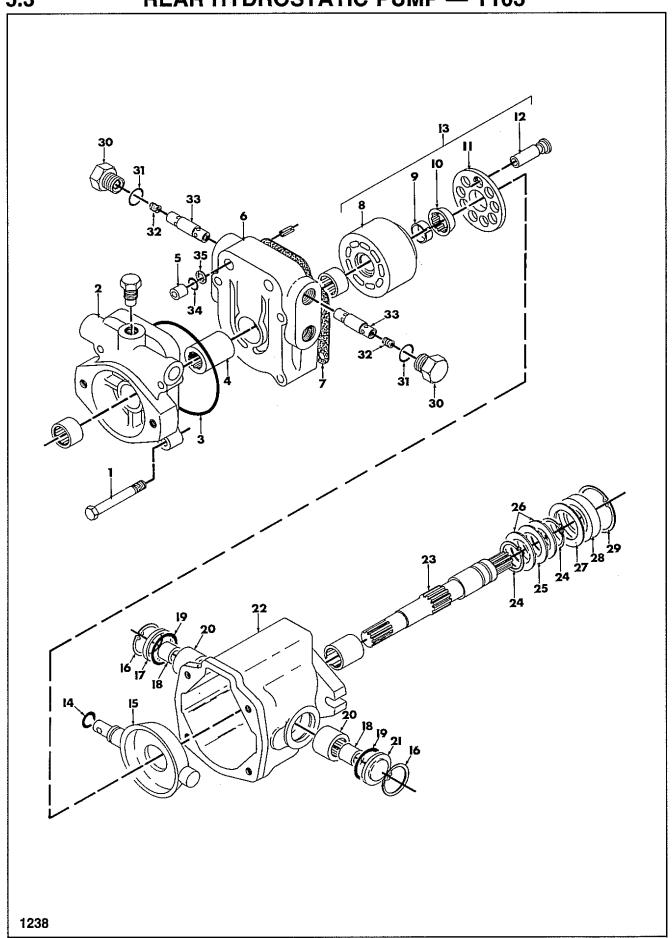
		IN CHARGE PUNIP) — 1103 5.2		
REF.	PART NO.	DESCRIPTION	QUANTITY T103	SERIAL NO.
	25098	Pump Complete	1	
1	NSP	Bolt Torque 17-20 Ft. Lbs. (23-27 N.M.)	4	
2	951075	Pump Adaptor	1	
3	8793	'O' Ring 3/32" x 4 1/2" I.D. (incl. in Item 43)	1	
4	15237	Key	1	
5	8835	Coupler	1	
6	NSP	Gerotor, Inner	1	
7	NSP	Gerotor, Outer	1	
8	19116	Charge Pump Kit	1	
9	8845	Check Valve Ass'y.	2	
10	25096	Backplate Ass'y.	1	
11	8789	Gasket (incl. in Item 43)	1	
12	19114	Rotating Group Kit	1	
13	NSP	Cylinder Block	1	
14	NSP	Pin Keeper	1	
15	NSP	Spider	11	
16	NSP	Pivot	1	
17	NSP	Piston	9	
18	8840	L.H. Camplate	1	
19	8794	'O' Ring 1/16" x 5/8" I.D. (incl. in Item 43)	1	
20	8796	Retaining Ring (incl. in Item 43) .	2	
21	8847	Inner Race	2	
22	8849	Trunion Cover	1	
23	8792	'O' Ring 3/32" x 1 15/16" I.D. (incl. in Item 43)	2	
24	8846	Bearing	2	
25	8848	Cover Sleeve	1	
26	951074	House Assembly	1	
27	8836	Shaft	1	
28	8798	Retaining Ring (incl. in Item 43)	2	
29	8843	Thrust Bearing	1	
30	8844	Thrust Race	2	
31	NSP	Bolt Torque 27-31 Ft. Lbs. (37-42 N.M.)	2 ·	
32	NSP	Washer	1	
33	9034	Gasket (incl. in Item 43)	1	
34	8797	Retaining Ring (incl. in Item 43)	1	
35	8799	Shaft Seal (incl. in Item 43)	1	
36	NSP	Washer	2	
40	22638	Relief Valve Ass'y. 3750 PSI (285.5 Bar)	2	
*43	25097	Seal Repair Kit (incl. 3, 11, 19, 20, 23, 28, 33, 34, 35, 41, 42)	1	
				· · · · · · · · · · · · · · · · · · ·
	<u></u>	ale to Penair both GEGOO & GEOOG (Burns)	l	



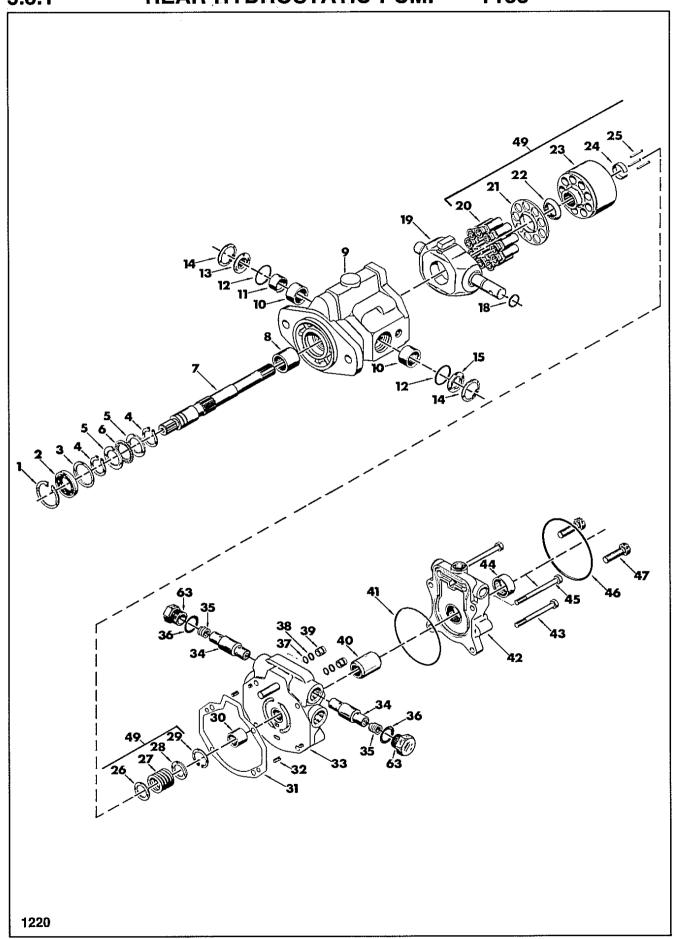
FRONT HYDROSTATIC PUMP (WITH CHARGE PUMP) — T133

5.2.1

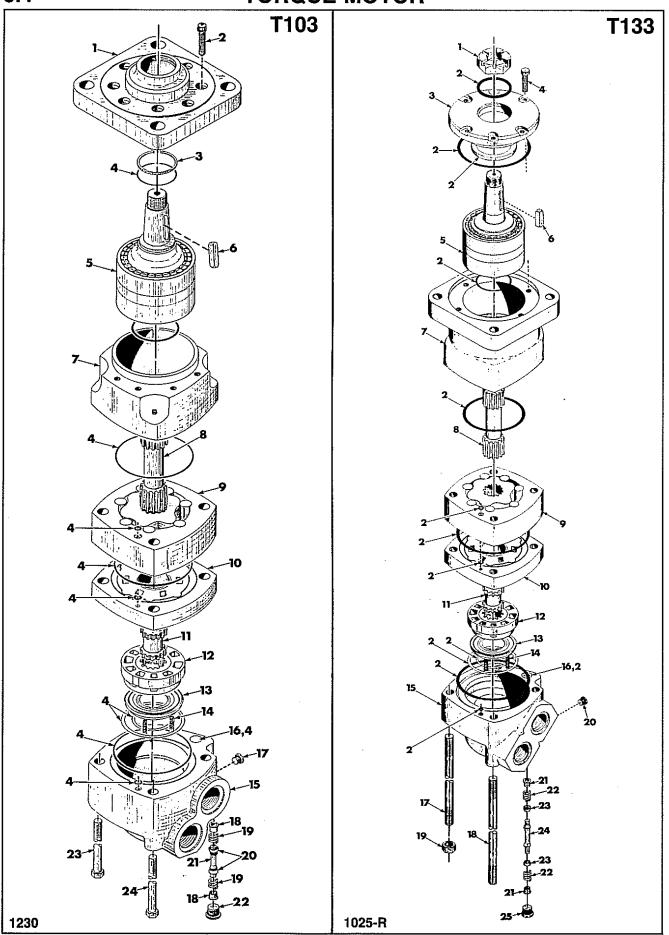
	(WITH CHARGE PUMP) — 1133			5.2.	
REF.	PART NO.	DESCRIPTION	QUANTITY T133	SERIAL NO.	
	14945	L.H. Hydrostatic Pump	1		
1	8871	Snap Ring	1		
2	8873	Shaft Seal (Incl. in Item 66)	1		
3	14971	Washer	1		
4	8872	Retaining Ring	2		
5	8863	Thrust Washer	2		
6	8864	Thrust Bearing	1		
8	8862	Bearing	1		
9	15227	Housing	1		
10	14959	Bearing	2		
12	14965	'O' Ring (Incl. in Item 66)	2		
13	14960	Cover	1		
14	8797	Snap Ring	2		
	14957	Sleeve Cover	1		
15			1		
18 30	14966 14964	'O' Ring (Incl. in Item 66) Bearing	• 1		
	1	Gasket (Incl. in Item 66)	1		
31	14961		2		
32	N.S.P.	Pin			
34	22638	Relief Valve 3750 PSI (285.5 Bar)	2		
39	8845	Check Valve	2		
45	N.S.P.	Bolts, Torque 27-31 ft. lbs. (37-42 N.M.)	2		
48	15236	Shaft	1		
49	15228	Camplate	1		
50	22208	Back Plate Assembly	1		
51	15237	Key	1		
55	14973	'O' Ring (Incl. in Item 66)	1		
56	15235	Poppet	1		
57	15233	Spring	1		
58	8780	Washer	1		
59	15234	Retaining Ring	1		
60	15231	Pump Adaptor	1		
61	N.S.P.	Bolt, Torque 27-31 ft. lbs. (37-42 N.M.)	2		
62	15232	Bearing	1		
63	N.S.P.	Plug	2		
64	14948	Rotating Group (Incl. 20 through 29)	1		
	15238	Charge Pump Kit (Incl. 52 & 53)			
*66	952826	Major Seal Repair Kit	<u> </u>		
	902020				
	ļ	(Incl. 2, 12, 18, 31, 37, 38, 55, 59)			
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REF.	PART NO.	DESCRIPTION	QUANTITY T-103	SERIAL NO.
	25099	Complete Pump	1	
1	NSP	Bolt Torque 17-20 Ft. Lbs. (23-27 N.M.)	4	
2	951076	Pump Adaptor	1	
3	8793	'O' Ring 3/2" x 41/2" I.D. (incl. in Item 36)	1	
4	8850	Coupler	1	
5	8845	Check Valve	2	
6	25096	Backplate Ass'y.	1	
7	8789	Gasket (incl. in Item 36)	1	
8	NSP	Piston Block	1	
9	NSP	Pin Keeper	1	
10	NSP	Pivot	1	
11	NSP	Spider	1	,
12	NSP	Piston	9	
13	19114	Rotating Group Kit	1	
14	8794	'O' Ring 1/16" x 5/2" I.D. (incl. in Item 36)	1	
15	8852	R.H. Camplate	1	
16	8796	Retaining Ring (incl. in Item 36)	2	
17	8848	Cover Sleeve	1	
18	8847	Inner Race	2	
19	8792	'O' Ring 3/2" x 115/16" I.D. (incl. in Item 36)	2	
20	8846	Bearing	2	
21	8849	Trunion Cover	1	
22	951074	Housing	1	1,12,13
23	8851	Shaft	1	
24	8798	Retaining Ring (incl. in Item 36)	2	
25	8843	Thrust Bearing	1	
26	8844	Thrust Race	2	
27	NSP	Washer	1	
28	8799	Seal (incl. in Item 36)	1	
29	8797	Retaining Ring (incl. in Item 36)	1	
33	22638	Relief Valve Ass'y. — 3750 PSI (285.5 Bar)	1	
*36	25097	Seal Repair Kit (incl. 3, 7,		
		14, 16, 19, 24, 28, 29, 34, 35)		



	REAR HYDROSTATIC PUMP — 1133 5.3.1				
REF.	PART NO.	DESCRIPTION	QUANTITY T103	SERIAL NO.	
	14946	R.H. Hydrostatic Pump	1		
1	8871	Retaining Ring	1		
2	8873	Shaft Seal (incl. in item #50)	1		
3	14971	Washer	1		
4	8872	Retaining Ring	2		
5	8863	Thrust Washer	2		
6	8864	Thrust Bearing	1		
7	15246	Shaft	1		
8	8862	Bearing	1		
9	15227	Housing	1		
10	14956	Bearing	2		
11	26650	Inner Race	1		
12	14965	'O' Ring (incl. in item #50)	2		
13	14960	Cover	1		
14	8797	Retaining Ring	2		
15	14957	Sleeve Cover	1		
18	14966	'O' Ring (incl. in item #50)	1		
19	14958	Camplate	1		
30	14964	Bearing	1		
31	14961	Gasket (incl. in item #50)	1		
33	22207	Back Plate Assembly	1	****	
34	22638	Relief Valve 3750 PSI (285.5 Bar)	2		
39	8845	Check Valve	2		
40	15241	Coupler	1		
41	8793	'O' Ring (incl. in item #50)	1		
42	15242	Pump Adaptor	1		
43	N.S.P.	Bolts, Torque 27-31 ft. lbs. (37-42 N.M.)	2		
43	15243	Bearing	1		
45	N.S.P.	Bolts, Torque 27-31 ft. lbs. (37-42 N.M.)	2		
46	14972	'O' Ring (incl. in item #50)	1		
		Bolts, Torque 55-60 ft. lbs. (75-81 N.M.)	2		
47	N.S.P.		1		
49	14948	Rotating Group (incl. 20 through 29)	1	0.000	
*50	952826	Major Seal Repair Kit	<u> </u>		
		(incl. 2, 12, 18, 31, 37, 38, 41, 46)			
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JUNE 1, 1985

	10hQUE WOTOH — 1103				
REF.	PART NO.	DESCRIPTION	QUANTITY T103	SERIAL NO.	
	24441	005 Series Torque Motor Ass'y.	1	LC000101 — LC000199	
	26823	006 Series Torque Motor Ass'y.	1	LC000200 Onward	
1	24981	Front Retainer (005 Series)	1		
1	25344	Front Retainer (006 Series)	1		
2	24982	Cap Screw	8		
3	24983	Back-up Washer (005 Series only)	1		
4	24984	Seal Kit	1		
5	24985	Shaft Sub Assembly (005 Series)	1		
6	25345	Shaft Sub Assembly (006 Series)	1		
6	24986	Key	1		
7	24987	Bearing Housing	1		
8	24988	Main Drive (005 Series)	1		
8	25347	Main Drive (006 Series)	1		
9	24989	Geroler Sub Assembly	1		
10	24990	Valve Plate	1		
11	24991	Valve Drive	1		
12	24992	Valve	1		
13	24993	Balancing Ring Sub Assembly	1		
14	22109	Compression Spring	2		
15	24994	Valve Housing	1		
16	24995	Plug	1		
17	22110	Plug Sub Assembly	1		
18	22111	Dash Pot Sleeve	2		
19	22115	Spring	2		
20	22119	Poppet	2		
21	22120	Piston	1		
22	22121	Plug Sub Assembly	1		
23	24996	Bolt	3		
24	24997	Bolt	1		

NOTE: T103 Front Retainer Seal arrangement for 005 Series Motor as illustrated.

006 Series Motor is different than shown.

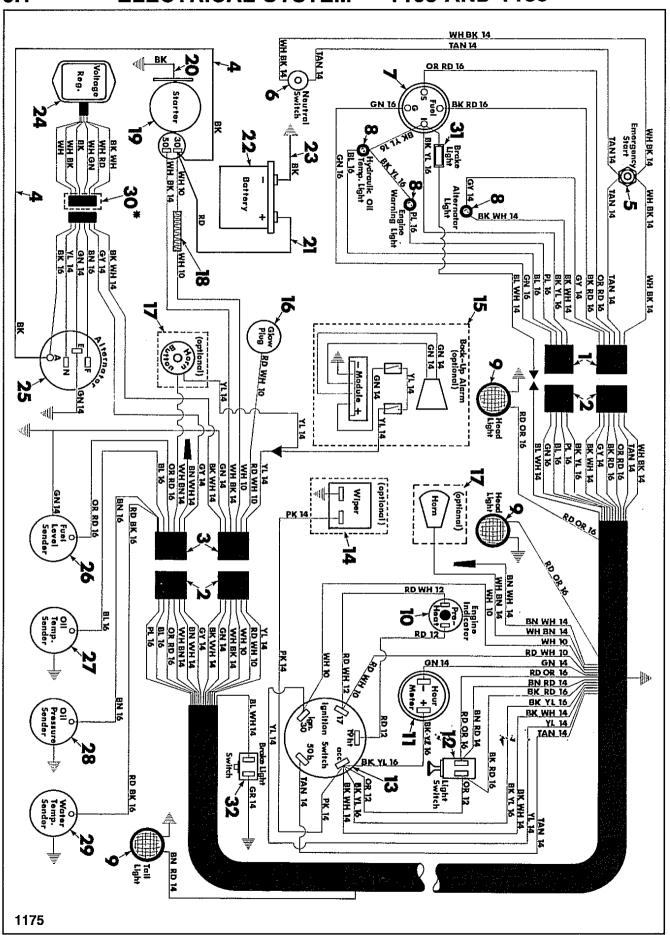
TORQUE MOTOR — T133

REF.	PART NO.	DESCRIPTION	QUANTITY T133	SERIAL NO.
	22581	Hydraulic Torque Motor Assembly	1	
7	22071	Nut, Hex (Slotted)	1	· · · · · · · · · · · · · · · · · · ·
2	22117	Seal Kit	1	
3	22072	Retainer, Front	1	
4	22073	Bolt, Retainer	6	
5	22074	Shaft, Sub-Assembly	1	
6	22075	Key	1	
7	22087	Housing, Bearing	1	
8	22088	Drive, Main	1	
9	22090	Geroler, Sub-Assembly	1	
10	22105	Plate, Valve	1	
11	22106	Drive, Valve	1	
12	22107	Valve	1	
13	22108	Balancing Ring Sub-Assembly	1	
14	22109	Spring, Compression	3	
15	22112	Housing, Valve	1	
16	22089	Plug	1	
17	22113	Stud	2	
18	22114	Stud	2	
19	22116	Nut, Hex	4	
20	22110	Plug, Sub-Assembly	1	
21	22111	Sleeve, Dash Pot	2	
22	22115	Spring	2 -	
23	22119	Poppet	2	
24	22120	Piston	1	
25	22121	Plug, Sub-Assembly	1	

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Electrical System — T103 and T1336.1

ELECTRICAL SYSTEM



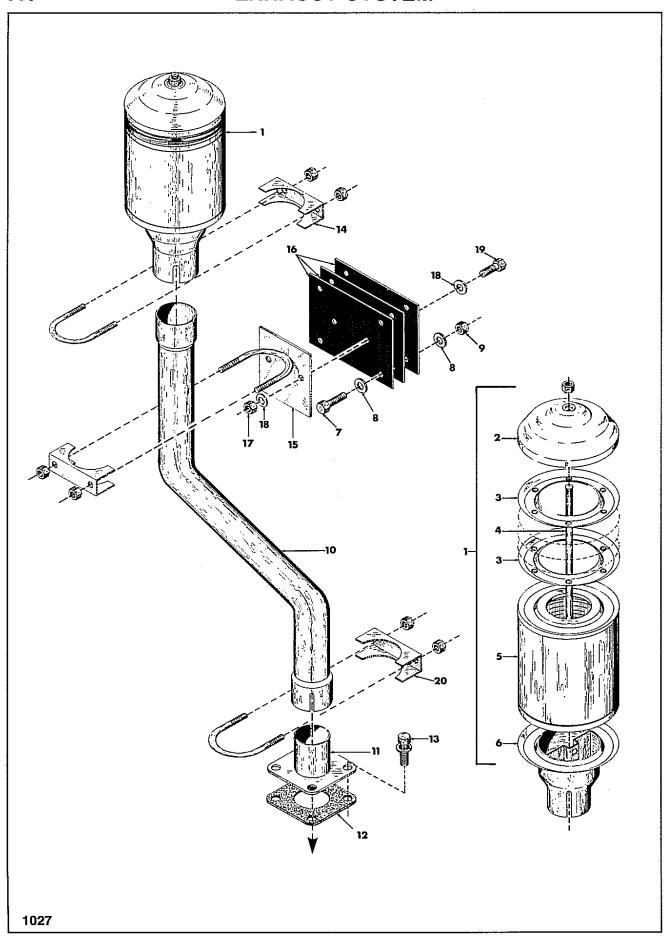
	ELECTRICAL SYSTEM — 1103 - 1133							
REF.	PART NO.	DESCRIPTION	QU/ T103	ANTITY T133	SERIAL NO.			
1	25688	L.H. R.O.P.S. Harness	1	1				
2	23519	R.H. R.O.P.S. Harness	1	1				
3	23518	Engine Harness	1	1 1				
4	20432	Alternator to Starter Wire	1	1				
5	23665	Emergency Start Button	1	1 1				
6	23439	Neutral Switch	1	1				
7	17121	Fuel Gauge	1	1 1				
8	22962	Warning Light	3	3				
9	6523	Work Light (Round)	1	1 1				
9	25760	Work Light (Rectangular)	2	2				
10	19603	Pre-Heat Indicator	1					
10	21415	Pre-Heat Indicator		1				
11	5825	Hour Meter	1	1				
12	6526	Light Switch	1	1				
13	19605	Ignition Switch	1	1	1 111122			
		Wiper — Optional						
14	15935	Windshield Wiper Motor	1	1				
	15936	Wiper Arms	1	1 1				
	15937	Wiper Blade	1	1				
		Back-up Alarm — Optional						
15	24961	6" Horn and Module	1	1				
	17099	Switch (one only)	2	2				
16	19494	Glow Plug	3	4				
		Horn — Optional		1				
17	6521	Horn (only)	1	1 1				
	6522	Horn Button	1	1 1				
18	21927	40 Amp. Circuit Breaker	1	1 1				
19	19487	Starter -	1	1				
20	22819	Grnd. Battery Cable 18" L.	2	2				
	22010	Eng. to Frame; Cab to Frame		 				
21	23273	Positive Battery Cable 42" L.	1	1 1				
22	3547	Battery 12 V 85 Amp. Hr.	1	1 1				
	23272	Grnd. Battery Cable 16" L. Bat. to Cab.	1	1 1				
23			1	1 1				
24	19602	Voltage Regulator		-				
25	19559	Alternator	11	 				
25	22195	Alternator		1				
26	23178	Fuel Level Sender	1	1				
27	26656	Oil Temperature Sender 220°F (105°C)	1	1				
28	19327	Oil Pressure Sender	1					
28	21277	Oil Pressure Sender		1 1				
29	24259	Water Temperature Sender 225°F	1	1				
*30	21265	Six Contact Connector	1	1 1				
31	26231	Brake Light	1	1				
32	26208	Brake Light Switch	1	1				
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ENGINE EQUIPMENT 7.

Exhaust System	7.1
Air Cleaner	
Universal Joint	7 9

ENGINE EQUIPMENT

EXHAUST SYSTEM



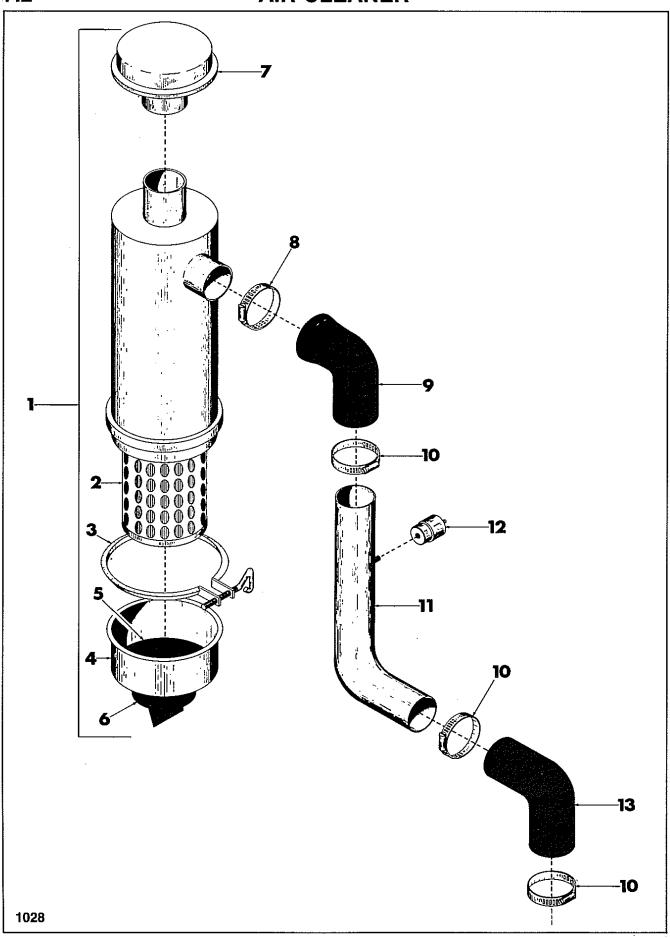
EXHAUST SYSTEM — T103

REF.	PART NO.	DESCRIPTION	QUANTITY T103	SERIAL NO.
1	21291	Muffler Comp. (Discojet)	1	
2	21293	End Cap	1	
3	21294	Diffuser Disc 3/pack	As Req'd.	
4	21295	Center Bolt	1	
5	21296	Resonator	1	
6	21297	Adaptor	1	
7	5897	Bolt 1/4" UNC x 13/4" L.	. 4	
8	1650	Plainwasher 1/4" Dia.	4	
9	6645	Nut 1/4" UNC Nylock	4	
10	24872	Exhaust Pipe	1	
11	954396	Exhaust Flange Ass'y.	1	
12	19765	Exhaust Gasket	1	
13	18506	Bolt 8mm x 23mm L. & Springwasher	4	
14	6262	Muffler Clamp — 2"	1	
15	954704	Exhaust Clamp Ass'y.	1	
16	22619	Exhaust Pipe Mount	3	
17	16771	Nut 5/16" UNC Nylock	2	
18	1651	Plainwasher 5/16" Dia.	2	
19	2580	Bolt 5/16" UNC x 11/4" L.	2	
20	15582	Muffler Clamp — 1%"	1	
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EXHAUST SYSTEM — T133

REF. PART NO.		DESCRIPTION	QUANTITY T133	SERIAL NO.	
1	21146	Muffler Comp. (Discojet)	1		
2	21293	End Cap	1		
3	21294	Diffuser Disc 3/pack	As Req'd.		
4	21295	Center Bolt	1		
5	21296	Resonator	1		
6	21297	Adaptor	1		
7	5897	Bolt 1/4" UNC x 13/4" L.	4		
8	1650	Plainwasher 1/4" Dia.	4		
9	6645	Nut 1/4" UNC Nylock	4		
10	23565	Exhaust Pipe	1		
11	954396	Exhaust Flange Ass'y.	1		
12	19765	Exhaust Gasket	1		
13	18506	Bolt 8mm x 23mm L. & Springwasher	4		
14	6262	Muffler Clamp — 2"	1		
15	954704	Exhaust Clamp Ass'y.	1		
16	22619	Exhaust Pipe Mount	3		
17	16771	Nut 5/16" UNC Nylock	2		
18	1651	Plainwasher 5/16" Dìa.	2		
19	2580	Bolt 5/16" UNC x 11/4" L.	2		
20	15582	Muffler Clamp — 1%"	1		

AIR CLEANER

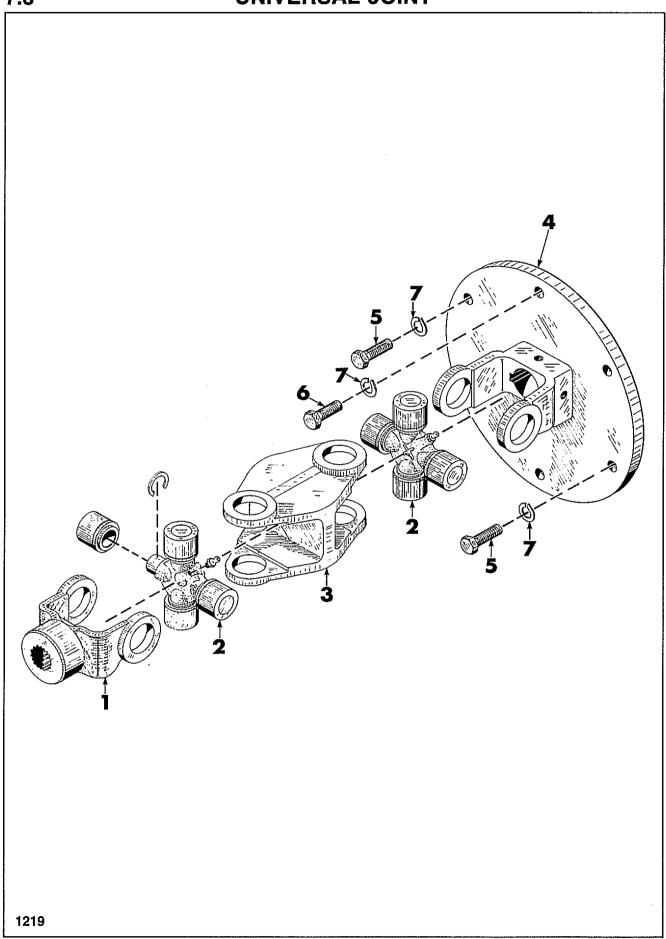


REF.	PART NO.	DESCRIPTION	QUANTITY T103	SERIAL NO.				
1	6469	Air Cleaner Complete	1					
2	6275	Element	1					
3	6274	Clamp Ass'y.	1					
4	6273	Cup (only)	1	· · · · · · · · · · · ·				
5	24287	Rubber Baffle Skirt	1	*****				
6	24286	Vacuator Valve	1	"				
7	6265	Air Cleaner Cap	1					
8	6268	Hose Clamp #32	1					
9	954443	Air Cleaner Hose Ass'y.	1					
10	6268	Hose Clamp #32	3	1				
*11	24893	Air Cleaner Pipe	1					
12	6270	Service Indicator	1					
13	954443	Air Cleaner Hose Ass'y.	1					
			, i					

^{*}Not as illustrated

AIR CLEANER — T133

REF. PART NO. DESCRIPTION QUANTITY T133 SERIAL NO. 1 21575 Air Cleaner Complete 1 2 6505 Element 1 3 23743 Clamp Ass'y. 1 4 23745 Cup (only) 1 5 24954 Rubber Baffle Skirt 1 6 24286 Vacuator Valve 1 7 20485 Air Cleaner Cap 1 8 16138 Hose Clamp #36 1 9 954442 Air Cleaner Hose Ass'y. 1 10 6268 Hose Clamp #32 3 11 23210 Air Cleaner Pipe — 2" O.D. x 14 Ga. 1 12 6270 Service Indicator 1 13 954443 Air Cleaner Hose Ass'y. 1		, <u>,</u>								
2 6505 Element 1 3 23743 Clamp Ass'y. 1 4 23745 Cup (only) 1 5 24954 Rubber Baffle Skirt 1 6 24286 Vacuator Valve 1 7 20485 Air Cleaner Cap 1 8 16138 Hose Clamp #36 1 9 954442 Air Cleaner Hose Ass'y. 1 10 6268 Hose Clamp #32 3 11 23210 Air Cleaner Pipe — 2" O.D. x 14 Ga. 1 12 6270 Service Indicator 1	REF.	PART NO.	DESCRIPTION	QUANTITY T133	SERIAL NO.					
3 23743 Clamp Ass'y. 1 4 23745 Cup (only) 1 5 24954 Rubber Baffle Skirt 1 6 24286 Vacuator Valve 1 7 20485 Air Cleaner Cap 1 8 16138 Hose Clamp #36 1 9 954442 Air Cleaner Hose Ass'y. 1 10 6268 Hose Clamp #32 3 11 23210 Air Cleaner Pipe — 2" O.D. x 14 Ga. 1 12 6270 Service Indicator 1	1	21575	21575 Air Cleaner Complete							
4 23745 Cup (only) 1 5 24954 Rubber Baffle Skirt 1 6 24286 Vacuator Valve 1 7 20485 Air Cleaner Cap 1 8 16138 Hose Clamp #36 1 9 954442 Air Cleaner Hose Ass'y. 1 10 6268 Hose Clamp #32 3 11 23210 Air Cleaner Pipe — 2" O.D. x 14 Ga. 1 12 6270 Service Indicator 1	2	6505	Element	1						
5 24954 Rubber Baffle Skirt 1 6 24286 Vacuator Valve 1 7 20485 Air Cleaner Cap 1 8 16138 Hose Clamp #36 1 9 954442 Air Cleaner Hose Ass'y. 1 10 6268 Hose Clamp #32 3 11 23210 Air Cleaner Pipe — 2" O.D. x 14 Ga. 1 12 6270 Service Indicator 1	3	23743	Clamp Ass'y.	1						
6 24286 Vacuator Valve 1 7 20485 Air Cleaner Cap 1 8 16138 Hose Clamp #36 1 9 954442 Air Cleaner Hose Ass'y. 1 10 6268 Hose Clamp #32 3 11 23210 Air Cleaner Pipe — 2" O.D. x 14 Ga. 1 12 6270 Service Indicator 1	4	23745	Cup (only)	1						
7 20485 Air Cleaner Cap 1 8 16138 Hose Clamp #36 1 9 954442 Air Cleaner Hose Ass'y. 1 10 6268 Hose Clamp #32 3 11 23210 Air Cleaner Pipe — 2" O.D. x 14 Ga. 1 12 6270 Service Indicator 1	5	24954	Rubber Baffle Skirt	1						
8 16138 Hose Clamp #36 1 9 954442 Air Cleaner Hose Ass'y. 1 10 6268 Hose Clamp #32 3 11 23210 Air Cleaner Pipe — 2" O.D. x 14 Ga. 1 12 6270 Service Indicator 1	6	24286	Vacuator Valve	1						
9 954442 Air Cleaner Hose Ass'y. 1 10 6268 Hose Clamp #32 3 11 23210 Air Cleaner Pipe — 2" O.D. x 14 Ga. 1 12 6270 Service Indicator 1	7	20485	Air Cleaner Cap	1						
10 6268 Hose Clamp #32 3 11 23210 Air Cleaner Pipe — 2" O.D. x 14 Ga. 1 12 6270 Service Indicator 1	8	16138	Hose Clamp #36	1						
11 23210 Air Cleaner Pipe — 2" O.D. x 14 Ga. 1 12 6270 Service Indicator 1	9	954442	Air Cleaner Hose Ass'y.	1						
12 6270 Service Indicator 1	10	6268	Hose Clamp #32	3						
12 6270 Service Indicator 1	11	23210	Air Cleaner Pipe — 2" O.D. x 14 Ga.	1						
13 954443 Air Cleaner Hose Ass'y. 1	12	6270		1						
	13	954443	Air Cleaner Hose Ass'y.	1						



REF.	PART NO.	DESCRIPTION	QUANTITY T103	SERIAL NO.
1	8742	Splined Yoke	1	
2	8743	Journal & Bearing Kit	2	
*3	25082	Shaft	1	
4	955379	U-J Plate Ass'y.	1	
5	19029	Bolt M8 x 25mm L.	6	
6	Not used			
7	21029	Springwasher M8 Dia.	6	
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		100		
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^{*}Not as illustrated

UNIVERSAL JOINT — T133

	CHIVEHOAL COMT — 1133								
REF.	PART NO.	DESCRIPTION	QUANTITY T133	SERIAL NO.					
1	15141	End Yoke Splined	1						
2	15052	Journal & Bearing Kit	2						
3	15140	Double Pivot Yoke	1						
4	954895	U-J Plate Ass'y.	1						
5	21559	Bolt M8 x 30mm L.	2						
6	19029	Bolt M8 x 25mm L.	4	****					
7	21029	Springwasher M8 Dia.	6						
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PART NO.	SECTION	PART NO.	SECTION	PART NO.	SECTION
417	1.2	8104	5.2	14944	4.5
1064	2.4	8154	2.5	19449	5.3.1
1458	1.1, 4.1	8280	2.1	14948	5.2.1, 5.3.1
1463	4.1, 4.8	8302	5.1, 5.2	14956	5.3.1
1546	1.3, 2.2	8562	1.5	14957	5.2.1, 5.3.1
1631	2.4	8563	1.5	14958	5.3.1
1636	2.2	8742	7.3	14959	5.2.1
1803	4.4	8743	7.3	14960	5.2.1, 5.3.1
2010	1.5, 4.7	8780	5.2.1	14961	5.2.1, 5.3.1
3189	1.2, 2.1	8789	5.2, 5.3	14964	5.2.1, 5.3.1
322 <u>4</u>	4.1	8792	5.2, 5.3	14965	5.2.1, 5.3.1
3225	4.1	8793	<u>5,2, 5,3, 5.3.1</u>	14966	<u>5.2.1, 5.3.1</u>
3252	4.1	<u>8794</u>	5.2, 5.3	14971	5.3.1
3547	6.1	8796	5.2, 5.3	14972	5.3.1
3665	3.1	8797	5.2, 5.2.1, 5.3, 5.3.1	14973	5.2.1
3667	3.1	8798	5.2, 5.3	15052	7.3
1539	1.1	8799	5.2, 5.3	15140	7.3
1569	4.8	8834	2.1	15141	7.3
1842	1.2, 2.1, 2.2, 2.4	8835	5.2	15227	5.2.1, 5.3.1
5803	2.1, 2.4, 2.5	8836	5.2	15228	5.2.1
5815	1.4	8840	5.2	15231	5.2.1
5816	1.4	8843	5.2, 5.3	15232	5.2.1
5825	6.1	8844	5.2, 5.3	15233	5.2.1
5832	1.4, 3.1	8845	5.2, 5.2.1, 5.3, 5.3.1	15234	5.2.1
5842	1.1	8846	5.2, 5.3	15235	5.2.1
5845	1.4	8847	5.2, 5.3	15236	5.2.1
5891	2.1, 2.2, 2.5	8848	5.2, 5.3	15237	5.2.1
5968	3.1	8849	5.2, 5.3	15238	5.2.1
6089	1.1	8850	5.3	15241	5.3.1
6111 6440	4.8	8851	5.3	15242	5.3.1
6118 2000	5.1, 5.1A	8852	5.3	15243	5.3.1
5262 5065	7.1	8862	5.2.1, 5.3.1	15246	5.3.1
3265 3068	7.2	8863	5.2.1, 5.3.1	15255	2.4
6268 2070	7.2	8864	5.2.1, 5.3.1	15304	4.1
6270 2073	7.2 7.2	8871	5.2.1, 5.3.1	15582	7.1
6273	1.4	8872	5.2.1, 5.3.1	15648	4.2, 4.2A, 4.3
6274	7.2	0070	E01 E01	15000	4.3A, 4.4
		8873	5.2.1, 5.3.1	15880	2.1, 2.5
6275 8218	7.2	8881	1.5	15935	6.1
318	3.1	9034	5.2	15936	6.1
6469 E605	7.2	9202	1.2	15937	6.1
3505 8501	7.2	11841	2.4	16027	4.8
6521 8500	6.1	11848	1.5	16028	4.8
6522 6526	6.1 6.1	14860	2.1	16138	7.2
6608	4.4	14866	5.1, 5.1A	16572	2.1
6800		14877	3.1	16855	3.2
5854	1.4 4.1	14898	4.1, 4.8	16989	2.1
		14916	2.1	17085	4.1
7019	1.4	14937	4.5	17099	6.1
7124	4.4	14938	4.5	17121	6.1
7416	2.3	14939	4.5	17144	4.1
7667	4.4	14940	4.5	17170	2.1
8063	5.1	14941	4.5	17171	2.1
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PART NO.	SECTION	PART NO.	SECTION	PART NO.	SECTION
26188	3.1	954955	4.2, 4.2A, 4.3, 4.3A,	956191	5.1, 5.1A
			4.4, 4.8		
26191	1.5	954956	4.2	956192	2.2, 2.5
26231	6.1	954957	4.3, 4.3A	956201	4.2A
26236	5.1, 5.1A	954958	4.3, 4.3A	956237	2.2
26464	5.1, 5.1A	954959	4.4	956257	2.2
26505	2.1	954963	1.2	956262	4.2, 4.2A, 4.3, 4.3
					4.4, 4.6
26566	1.5	955004	2.5	956291	1.5
26598	1.5	955015	2.1	956295	1.5
26629	1.2	955016	2.1	956349	2.5
26650	5.3.1	955025	1.4	956361	5.1A
26656	4.1, 6.1	955034	1.5	956362	4.2, 4.2A, 4.3, 4.3
					4.4, 4.6
26664	1.2	955064	1.4	956364	1.4
26665	1.2	955241	2.1, 2.5	956464	1.5
26666	1.2	955335	4.1, 5.1A	956465	1.5
26676	1.2	955363	1.5, 4.1	956519	1.5
26677	1.2	955364	3.2	956766	1.5
26823	4.5	955366	1.5		
951074	5.2, 5.3	955374	3.2		
951076	5.3	955376	2.1		
951078	4.5	955379	7.3		
952826	5.2.1, 5.3.1	955382	3.2		
953820	1.1	955383	3.2		
953823	1.1	955438	1.2		
954396	7.1	955493	2.4		
954425	1.2	955529	2.3		
954442	7.2	955539	2.4		
954443	7.2	955544	2.4		
954615	1.5	955545	2.4		
954621	3.2	955565	2.4		
954622	3.2	955790	2.5		
954623	3.2	955791	2.5		
954624	3.1	955798	2.4		
954627	1.1	955903	2.3		
954628	1.5, 4.1	955904	2.5		
954632	4.1, 4.8	955905	2.5		
954704	7.1	955909	2.5		
954707	2.1	955914	2.5		
954709	2.1	955917	2.2		
954710	2.3	955933	2.2		
954714	1.3	955935	2.2		
954715	1.3	955946	1.4		
954716	1.3	955951	2.4		
954717	1.3	956021	2.5		
954722	2.1	956065.	4.6		
954734	2.1	956066	4.6		
954771	1.2	956075	4.3		
954772	1.2	956076	4.2		
954785	3.2	956137	2.2		
954895	7.3	956138	2.2		
954897	2.3	956139	2,2		
954902	2.4	956140	2.2		
954954	4.1, 5.1, 5.1A	956164	2.5		
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PART NO.	SECTION	PART NO.	SECTION	PART NO.	SECTION
17226	2.1	21277	6.1	22467	3.2
17385	2.1	21291	7.1	22554	4.3, 4.3A, 4.7
17516	2.4	21293	7.1	22555	4.2A, 4.7
17579	1.4	21294	7.1	22559	2.3
17631	4.1	21295	7.1	22581	5.1A
17670	2.3	21296	7.1	22603	2.4
18318	1.1	21297	7.1	22628	2.1
18506	7.1	21324	4.1	22630	2.1
18685	1.1	21362	1.2	22636	2.1
18752	4.6	21415	6.1	22638	5.2, 5.2.1, 5.3, 5.3
18753	4.6	21422	1.1	22649	1.3
18754	4.6	21575	7. <u>2</u>	22652	1.3
18756	4.6	21603	5.1A	22653	1.3
18757	4.6	21677	1.1	22655	1.3
18758	4.6	21679	1,1	22788	1.5
18759	4.6	21927	6.1	22789	1.5
18760	4.6	22071	5.4	22790	1.5
18761	4.6	22072	5.4	22791	1.5
18762	4.6	22073	5.4	23096	2.3
18763	4.6	22074	5.4	23178	1.1, 6.1
18764	4.6	22075	3.2, 5.4	23193	2.3
18765	4.6	22087	5.4	23194	1.1
18766	4.6	22088	5.4	23210	7.2
18767	4.6	22089	5.4	23249	1.4
18768	4.6	22090	5.4	23256	3.2
18769	4.6	22105	<u>5.4</u>	23257	3.2
18791	4.1	22106	5.4	23258	3.2
19029	7.3	22107	5.4	23259	3.2
19114	5.3	22108	5.4	23264	2.4
19226	5.1A	22110	5.4	23272	6.1
19238	4.2A, 4.3A, 4.4	22111	5.4	23273	6.1
19240	5.1	22112	5.4	23328	4.3
19327	6.1	22113	5.4	23329	4.3, 4.3A
19487	6.1	22114	5.4	23330	4.3
19494	6.1	22115	5.4	23331	4.3, 4.3A
19559	6.1	22117	5.4	23333	5.1, 5.1A
19602	6.1	22119	5.4	23334	4.1, 5.1, 5.1A
19605	6.1	22120	5.4	23335	5.1A
19765	7.1	22121	5.4	23336	5.1A
19813	3.2	22195	6.1	23337	4.1, 5.1A
19949	1,1	22207	5.3.1	23338	4.4
20252	4.6	22208	5.2.1	23339	4.4
20432	6.1	22302	3.2	23340	4.4
20485	7.2	22303	3.2	23341	4.4
20901	1.1, 4.1	22338	1.4	23342	4.2
21029	7.3	22372	1.5	23343	4.2
21121	5.1	22373	1.5	23344	4.2
21125	5.1	22379	3.1	23345	4.2
21128	4.2	22381	1.1, 4.1	23346	4.2
21146	7.1	22393	1.5	23347	4.2
21174	2.1, 2.4, 2.5	22405	2.4	23348	4.2
21265	6.1	22448	3.1	23349	4.2
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ART NO.	SECTION	PART NO.	SECTION	PART NO.	SECTION
3355	4.3, 4.3A	24286	7.2	25046	4.5
3356	4.3, 4.3A	24287	7.2	25047	4.5
3357	4.4	24296	1.4	25048	4.5
3371	2.3	24306	3.1	25051	4.7
3388	4.3, 5.1A	24307	3.2	25052	4.7
3409	2.3	24308	3.2	25055	4.7
3410	2.3	24309	2.4	25074	5.1, 5.1A
3439	2.2, 6.1	24379	4.7	25082	7.3
3489	2.5	24420	1.4	25096	5.2, 5.3
3507	4.1	24431	4.6	25097	5.2, 5.3
3509	4.8	24433	4.6	25098	5.2
3518	6.1	24579	3.2	25099	5.3
3519	6.1	24589	1.4	25175	2.4
3526	4.7	24598	2.1	25176	2.1
3527	4.7	24599	2.1	25204	2.2
3528	4.7	24603	2.1	25298	2.3
3529	4.7	24713	3.2	25372	2.4
3530	4.7	24714	3.2	25344	5.4
3531	4.7	24771	1.4	25345	5.4
3532	4.7	24834	3.2	25347	5.4
3533	4.7	24869	5.1	25485	2.4
3534	4.7	24872	7.1	25492	2.5
3535	4.7	24877	1.1	25499	2.2
3536	4.7	24878	1.1	25500	2.2
3538	4.7	24882	1.1	25508	2.2
3539	4.7	24893	7.2	25513	2.2
3579	1.4	24895	2.4	25517	2.2
3665	6.1	24914	2.4	25688	6.1
3675	2.4	24942	3.2	25760	6.1
3678	2.4	24954	7.2	25808	1.5
3706	3.2	24961	6.1	25811	1.3
3707	3.2	24971	1.3	25958	4.2A
3709	÷ 1.1	24981	5.4	25959	4.2A
3710	1.1	24982	5.4	25960	4.2A
3743	7.2	24983	5.4	25961	4.2A
3745	7.2	24984	5.4	25964	4.3A
3747	5.1, 5.1A	24985	5.4	25967	4.3A
3748	5.1, 5.1A	24986	3.2, 5.4	25968	4.3A
3749	5.1, 5.1A	24987	5.4	25969	4.3A
3750	5.1A	24988	5.4	25970	4.2A
3768	1.4	24989	5.4	25971	4.2A
3812	5.1A	24990	5.1, 5.4	25972	4.2A
3861	1.1	24991	5.4	25973	4.2A
3992	5.1A	24992	5.4	25974	4.2A
3994	5.1, 5.1A	24993	5.4	26059	4.6
4214	1.1	24994	5.4	26062	4.6
4218	2.4 .	24995	5.4	26071	4.6
4219	2.4	24996	5.4	26101	1.5
4259	6.1	24997	5.4	26102	1.5
24264	1.1	25000	4.1, 5.1	26108	2.5
4266	2.4	25039	3.2	26120	1.4
24267	2.4	25045	4.5	26167	4.2A, 4.3A
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