Section 5 - Service Diagnosis

The Service Diagnosis Section is included to help pinpoint the solution to problems that may arise in four-wheel drive operation.

HARD STEERING

1. Lack of lubrication, or accumulated mud on the steering knuckle housings.
2. Check the king pin bearings. Adjust for 23 to 27 foot pounds(when checking full front wheel assembly)or 18 to 22 foot pounds(when checking the knuckle only). Make the check with weight of the truck off the wheel being checked and the drag link and tie rod disconnected. Apply torque wrench to a bearing cover bolt or a steering arm nut to check the torque necessary to turn wheel or knuckle.

   To make an adjustment for a correct torque:
   Remove the bearing cap at top of the constant velocity joint. Increase shim thickness to decrease the torque; decrease shim thickness to increase torque. Replace the bearing cap and recheck torque. Repeat as required.
3. Tires must be properly inflated.
4. Check toe-in to be sure it is within limits.

FRONT WHEEL SHIMMY

1. Check toe-in to be sure it is within limits.
2. Check the wheels and tires for correct balance.
3. Inspect the tie rod ends for excessive play.
4. The wheel bearings must be in good condition and correctly tightened.
5. The tires must be inflated to correct pressure.
6. The king pin bearings must be in good condition and in correct adjustment. See Item 2, under "Hard Steering".

ROAD WANDER

1. Check toe-in to be sure it is within limits. An adjustment within the toe-in range may be required to remove all road wander.
2. The tires must be inflated to proper pressure.
3. The king pin bearings must be in good condition and in correct adjustment. See Item 2, under "Hard Steering".
4. Check the tie rod ends for excessive play.
5. The tie rod should be inspected for damage.

RAPID TIRE WEAR

1. Check toe-in to be sure it is within limits.
2. The tires must be correctly inflated.
3. Check the wheels to be sure of correct balance.
4. The wheel bearings must be in good condition and correctly tightened.
5. The tie rod must be straight.

NOISY AXLE

1. Lubricate according to the Lubrication Chart.
2. The wheel bearings must be in good condition and correctly tightened.
3. The differential pinion bearing and side gear bearings must be in good operating condition.
4. See that all front axle U-bolts are tightened securely.
5. Repair or replace the broken or worn Constant Velocity Joint parts.
6. Backlash for the ring gear and pinion must be correct.
7. Be certain that the wheel nuts and drive flange are tightened.

LOOSE STEERING

1. Excessive shimming under the steering knuckle bearing caps or steering arm.
2. Toe-in must be correctly adjusted.
3. Tighten all loose wheel nuts.

NOISY TRANSFER CASE

1. Lubricate according to the Lubrication Chart.
2. Check for broken parts and foreign matter in the transfer case.
3. Some characteristic gear noises of whine or backlash sounds should be expected in this vehicle.

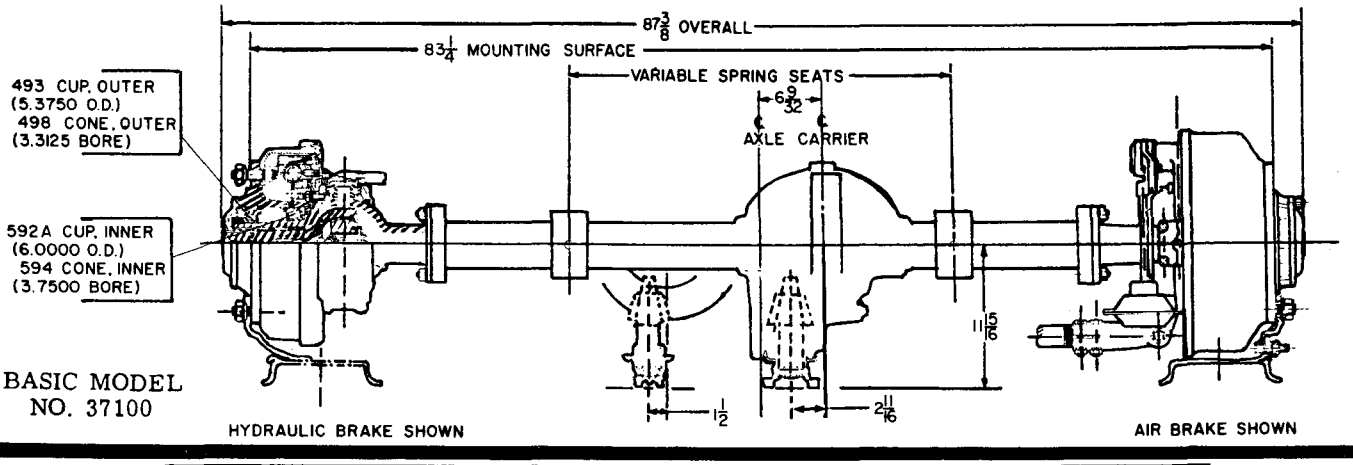
LUBRICANT LEAKAGE

1. Replace the oil seal when necessary.
2. Water in the transfer case requires a complete oil change.
3. The axle and transfer case air vents must be free to function.
4. Replace the gaskets when necessary.
5. Only the lubricants recommended in the Lubrication Chart should be used.

FAULTY BRAKES

1. The brake linings and drums must be free of grease and oil.
2. Reline the brakes if necessary.
3. Bleed the brakes and add fluid if required.
4. The wheel cylinders and hoses must be free of leaks.
5. Brakes must be properly adjusted.
6. Replace all the weak brake springs.
7. Only recommended brake fluid should be used.

Section 6 Specifications

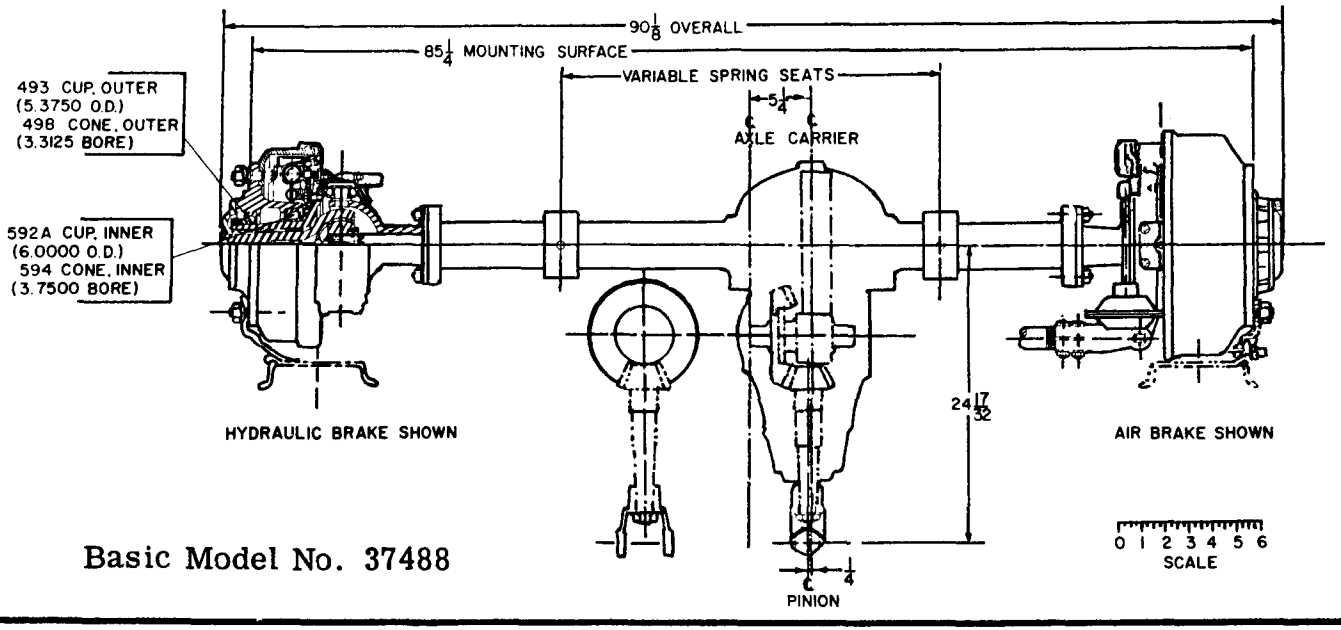


11,000 LB. SINGLE REDUCTION AXLE SPECIFICATIONS

	Hydraulic Brake Model	Air Brake Model
GENERAL SPECIFICATIONS:		
Type	Full Floating, Banjo Type Housing, Single Reduction Hypoid Gears	Full Floating, Banjo Type Housing, Single Reduction Hypoid Gears
Capacity @ Ground	11,000#	11,000#
Hub to Hub Mounting Surfaces	83 1/4"	83 1/4"
Ratio	7.2, 6.66 or 6.17	7.2, 6.66 or 6.17
Weight	917 lbs.	1017 lbs.
HOUSING:		
Material	One Piece Casting-Heat Treated	One Piece Casting-Heat Treated
Banjo Dia. & Width	14 1/2" Dia. x 4 1/8"	14 1/2" Dia. x 4 1/8"
Housing Section @ Spring	3 3/4" x 3 3/4" x 5/8"	3 3/4" x 3 3/4" x 5/8"
Section Modulus @ Spring	7.0	7.0
HUBS AND DRUMS:		
Number of Studs and Bolt Circle	10-11 1/4" (Cast Spoke Opt.)	10-11 1/4" (Cast Spoke Opt.)
FRONT END ALIGNMENT:		
Caster (w/ Banjo Face)	Optional 0^0 or 3^0	Optional 0^0 or 3^0
Camber	0^0	0^0
Toe In	1/16" - 1/4"	1/16" - 1/4"
King Pin Inclination	0^0	0^0
AXLE SHAFTS:		
Min. Dia.	Rzeppa Constant Velocity 1 7/8" Dia.	Rzeppa Constant Velocity 1 7/8" Dia.
Spline Size	12-1.86" Dia.	12-1.86" Dia.
BRAKES:		
Size and Type	15" x 3" Double Anchor	17" x 4" Double Anchor
Total Lining Area	194 Sq. Inches	276 Sq. Inches
WHEEL BEARINGS:		
Bearing Type	Tapered Roller	Tapered Roller
Inner Wheel Bearing Timken Cup & Cone	592A-594	592A-594
Inner Wheel Bearing Radial Rating @ 500 RPM	8350	8350
Inner Wheel Bearing Thrust Rating @ 500 RPM	6300	6300
Outer Wheel Bearing Timken Cup & Cone	493-498	493-498
Outer Wheel Bearing Radial Rating @ 500 RPM	5700	5700
Outer Wheel Bearing Thrust Rating @ 500 RPM	4350	4350
SPINDLE:		
Diameter @ Inner Wheel Bearing	3.7500	3.7500
Diameter @ Outer Wheel Bearing	3.3125	3.3125
KING PIN (STEERING TRUNNION):		
Upper Bearing Type	Timken Cup & Cone 41286-41125	Timken Cup & Cone 41286-41125
Lower Bearing Type	Timken Cup & Cone 41286-41125	Timken Cup & Cone 41286-41125
Trunnion Diameter	1.125	1.125
DIFFERENTIAL:		
Differential Type	4 Pinion	4 Pinion
Side Bearing Type	Barrel Roller	Barrel Roller
GEARS:		
1st Reduction	Hypoid	Hypoid
TIE ROD:		
Diameter	1 3/4" Solid	1 3/4" Solid
End-Thread Size and Number (LH)	1 3/4"-16	1 3/4"-16
End-Thread Size and Number (RH)	1 3/4"-12	1 3/4"-12
ANGLE OF WHEEL TURN:	28^0	28^0
LUBRICATION, DIFFERENTIAL:	11 Pints	11 Pints

Note:
Axle Capacity Rating will vary with application and type of service: Approval for all installations must be obtained from Napco Engineering Dept.

11,000 LB. DOUBLE REDUCTION AXLE



Basic Model No. 37488

NAPCO 11,000-LB. AXLE
DOUBLE REDUCTION AXLE
SPECIFICATIONS

AXLE SPECIFICATIONS

	Hydraulic Brake Model	Air Brake Model
GENERAL SPECIFICATIONS:		
Type	Full Floating, Banjo Type Housing, Double Reduction Spiral & Spur Gears	Full Floating, Banjo Type Housing, Double Reduction Spiral & Spur Gears
Capacity @ Ground	11,000 #	11,000 #
Hub to Hub Mounting Surface	85 1/4"	85 1/4"
Spring Centers	Variable	Variable
Ratio	7.2 or 8.43	7.2 or 8.43
Weight	1,030 Lbs.	1,130 Lbs.
HOUSING:		
Material	One Piece Casting. Heat Treated	One Piece Casting. Heat Treated
Banjo Dia. & Width	14 1/2" Dia. x 5"	14 1/2" Dia. x 5"
Housing Section @ Spring	3 3/4 x 3 3/4 x 5/8	3 3/4 x 3 3/4 x 5/8
Section Modulus @ Spring	7.0	7.0
HUBS & DRUMS:		
Number of Studs & Bolt Circle	10-11 1/4 (Cast Spoke Opt.)	10-11 1/4 (Cast Spoke Opt.)
FRONT END ALIGNMENT:		
Caster (w/ Top of Frame)	Optional	Optional
Camber	0°	0°
Toe In	1/16 - 1/4	1/16 - 1/4
King Pin Inclination	0°	0°
AXLE SHAFTS:		
	Rzeppa Constant Velocity	Rzeppa Constant Velocity
Min. Dia.	1 7/8 Dia.	1 7/8 Dia.
Spline Size	12 - 1.86 Dia.	12 - 1.86 Dia.
BRAKES:		
Size & Type	15" x 3 Double Anchor	17" x 4 Double Anchor
Total Lining Area	194 Sq. Inches	276 Sq. Inches

Note:
Axle Capacity Rating Will Vary with Application And Type of Service: Approval For All Installations Must Be Obtained From Napco Engineering Dept.

	Hydraulic Brake Model	Air Brake Model
WHEEL BEARINGS:		
Bearing Type	Tapered Roller	Tapered Roller
Inner Wheel Bearing - Timken Cup & Cone	592A - 594	592A - 594
Inner Wheel Bearing Radial Rating @ 500 RPM	8350	8350
Inner Wheel Bearing Thrust Rating @ 500 RPM	6300	6300
Outer Wheel Bearing - Timken Cup & Cone	493 - 498	493 - 498
Outer Wheel Bearing Radial Rating @ 500 RPM	5700	5700
Outer Wheel Bearing Thrust Rating @ 500 RPM	4350	4350
SPINDLE:		
Diameter @ Inner Wheel Bearing	3.7500	3.7500
Diameter @ Outer Wheel Bearing	3.3125	3.3125
KING PIN (STEERING TRUNNION):		
Upper Bearing Type	Timken Cup & Cone 41286-41125	Timken Cup & Cone 41286-41125
Lower Bearing Type	Timken Cup & Cone 41286-41125	Timken Cup & Cone 41286-41125
Trunnion Diameter	1.125	1.125
DIFFERENTIAL:		
Differential Type	4 Pinion	4 Pinion
Side Bearing Type	Single Row Ball	Single Row Ball
Gears		
1st Reduction	Spiral Bevel	Spiral Bevel
2nd Reduction	Spur	Spur
TIE ROD:		
Diameter	1 3/4" Solid	1 3/4" Solid
End-Thread Size & Number(LH)	1 3/4 - 16	1 3/4 - 16
End-Thread Size & Number(RH)	1 3/4 - 12	1 3/4 - 12
ANGLE OF WHEEL TURN:	28°	28°
LUBRICATION, DIFFERENTIAL:	7 Quarts	[illegible]

TRANSFER CASE SPECIFICATIONS
NAPCO 11,000-LB. AXLE

T-223 C1, C2 TRANSFER CASE SPECIFICATIONS

TRANSFER CASE SPECS

NAPCO TC
- Napco Model - **26-44 BASIC NO.**
- Mfg's. Basic Model - Timken T-223 - C1 & C2
- Ratio's - High 1 to 1 - Low 2.05 to 1

TC SHAFTS
- No. of Shafts - 4 w/Yoke 1410 Spicer
- Shaft dim-Splines per shaft & Dia.
  - Input & Frt. Output - 10 - 1 1/2"
  - Rear Output - 10 - 1 3/4"

TC SHAFT BRG.
- Input & Frt. Output-NO & TYPE - 2 ball
- Idler & Rear - Output-NO & TYPE - 2 tapered roller

SPEEDO CONNECTIONS
- TC Location - Bottom Rear
- Cable Ass'y Length - **98"**
- Adapter Req'd-Depending on tires - YES

PTO
- No of openings - 1
- Shaft type location - Top Rear
- Gear type location - None

LUBR.
- Capacity - 6 Pints
- Oil Filler & Level Plug Location - Left Side
- Capacity w/PTO - Add 1/2 to 1 Pint

PARKING BRAKE
- Type - Sheilded Internal Band
- Size - 10" x 1 1/2"

GEAR DATA (TC)
- Helical Gears-Constant Mesh - 4
- Spur Gears or Clutches-Low Red. - 3
- Helical Gear Tooth Width-Input Shaft - 1 7/8"
- Helical Gear Tooth Width-Front Output - 1 1/2"
- Helical Gear Tooth Width-Rear Output & Idler Shaft - 2 1/16"
- Spur Gear Tooth Width-Low Red-Sliding - 1 9/16"
- Spur Gear Tooth Width-Idler Low Red - 1 1/4"
- Sliding Clutch-Front Axle Engage - 5/8"

INTERLOCK DEVICE
- Control Levers Req'd. - 2

T-223 C3, C4 TRANSFER CASE SPECIFICATIONS

TRANSFER CASE SPECS

NAPCO TC
- Napco Model - #37707
- Mfg's. Basic Model - Timken T-223 - C3 & C4
- Ratio's - High 1 to 1 - Low 2.05 to 1

TC SHAFTS
- No. of Shafts - 4 w/Yoke 1410 Spicer
- Shaft dim-Splines per shaft & Dia.
  - Input & Frt. Output - 10 - 1 1/2"
  - Rear Output - 10 - 1 3/4"

TC SHAFT BRG.
- Input & Frt. Output-NO & TYPE - 2 ball
- Idler & Rear - Output-NO & TYPE - 2 tapered roller

SPEEDO CONNECTIONS
- TC Location - Bottom Rear
- Cable Ass'y Length - 120"
- Adapter Req'd-Depending on tires - YES

PTO
- No of openings - 1
- Shaft type location - Top Rear
- Gear type location - None

LUBR.
- Capacity - 6 Pints
- Oil Filler & Level Plug Location - Left Side
- Capacity w/PTO - Add 1/2 to 1 Pint

PARKING BRAKE
- Type - Sheilded Internal Band
- Size - 10" x 1 1/2"

GEAR DATA (TC)
- Helical Gears-Constant Mesh - 4
- Spur Gears or Clutches-Low Red. - 3
- Helical Gear Tooth Width-Input Shaft - 1 7/8"
- Helical Gear Tooth Width-Front Output - 1 1/2"
- Helical Gear Tooth Width-Rear Output & Idler Shaft - 2 1/16"
- Spur Gear Tooth Width-Low Red-Sliding - 1 9/16"
- Spur Gear Tooth Width-Idler Low Red - 1 1/4"
- Sliding Clutch-Front Axle Engage - 5/8"

INTERLOCK DEVICE
- Control Levers Req'd. - 2

SPECIFICATIONS

T-76-2 TRANSFER CASE

NAPCO TRANSFER CASE

Napco Model No.-501489
Mfgr's. Basic Model-Rockwell T-76-2
Ratio's-High 1.00-1. Low 1.72-1

TRANSFER CASE SHAFT BEARINGS

Bearing-Main Shaft Front-#503833
Bearing-Main Drive Gear Idler-#6B10040
Bearing-Main Shaft Rear-#503832
Bearing-Declutch Shaft-#503832

SPEEDOMETER CONNECTIONS

Transfer Case Location - Front
Adapter Required-Yes, Depending on Tires

POWER TAKE-OFF

No. of Openings-One
Shaft Type Location-Top Rear
Gear Type Location-None

LUBRICATION

Capacity-4 pints
Oil Filter and Level Plug Location-Bottom Left
Capacity w/PTO-5 pints

PARKING BRAKE

Type-Disc.
Size-14" x 1 1/4"

INTERLOCK DEVICE

Control Levers Req'd-2

T-77-3-170 TRANSFER CASE

NAPCO TRANSFER CASE

Napco Model No.-38268
Mfgr's. Basic Model-Rockwell T-77-3-170
Ratio's-High 1.00-1 Low 2.55-1

TRANSFER CASE SHAFT BEARINGS

Bearing-Direct Driving Gear Idler-#503875
Bearing-Idler Shaft Rear-#503876
Bearing-Idler Shaft Front-#503877

SPEEDOMETER CONNECTIONS

Transfer Case Location-Front
Adapter Required-Yes, Depending on Tires

POWER TAKE-OFF

Number of Openings-One
Shaft Type Location-Top Rear
Gear Type Location-None

LUBRICATION

Capacity-5 pints
Oil Filter and Level Plug Location-Bottom Left

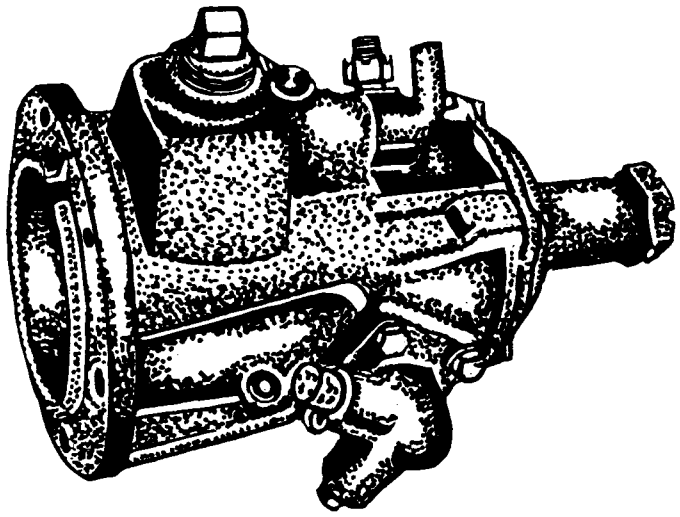
Capacity w/PTO-6 pints

PARKING BRAKE

Type-Disc.
Size-14" x 1 1/4"

INTERLOCK DEVICE

Control Levers Req'd-2



MODEL 30450 POWER TAKE-OFF

SPECIFICATIONS

MODEL 30450 POWER TAKE-OFF IS USED ON THE NAPCO 300-OC TRANSFER CASE. THE P.T.O. HAS AN INTEGRAL OIL PUMP LUBRICATION SYSTEM. THE OUTPUT SHAFT HAS A 1-1/2" STANDARD S.A.E. TAPER. SHAFT KEYWAY IS 3/8 x 1-7/8. THIS IS A SINGLE SPEED, FULL TORQUE P.T.O.

THE UNIT IS MOUNTED ON THE REAR OF CASE AND ON THE CASE CENTERLINE.

MODEL 300-OC
TRANSFER CASE SPECIFICATIONS

MODEL:	NAPCO 300-OC Automatic
RATIOS:	
To Rear	1.980 to 1 & 1.000 to 1
To Front	2.137 to 1 & 1.078 to 1
IDENTIFICATION:	
Brake Location	Rear
Number of Shafts	3
Input Propeller Yoke Type & Joint Size	Yoke - 1480
Output to Front Axle Yoke & Joint Size	Yoke - 1480
Output to Rear Axle Yoke & Joint Size	Yoke - 1480
Rear Axle Output Shaft Location	Bottom Rear
SHAFT DIMENSIONS:	
Input Shaft-Number of Spline & Dia.	10 - 1-5/8"
Output to Front - Number of Splines & Dia.	10 - 1-5/8"
Output to Rear Axle - Number of Splines & Dia.	10 - 1-5/8"
SHAFT BEARING:	
Input Shaft - Number & Type	6 Ball
To Front Axle - Number & Type	1 Ball
To Rear Axle - Number & Type	2 Roller
Idler Shaft - Number & Type	2 Roller
GEAR DATA:	
Helical Gears - Constant Mesh	7
Number of Spur Gears or Clutch - Low Reduction	1
Helical Gear Tooth Width - To Front Axle	1-1/8"
Helical Gear Tooth Width - To Rear Axle	2"
Helical Gear Tooth Width - Idler Shaft	2" & 1-3/8"
Spur Gear Tooth Width - Low Reduction - Sliding	1/2"
Spur Gear Tooth Width	1-3/8"
Sliding Clutch - Front Axle Engage	1/2"
CLUTCHES AND CONTROLS: (High & Low Range Shifting)	
Levers Required	1
Syncronized	Yes
FRONT OUTPUT SHAFT ENGAGEMENT:	
Levers Required	None
Clutch Type	Over - Running
Clutch Shift (Forward & Reverse)	Automatic, Vacuum Type
BRAKE:	
Type	Shielded, Internal Band
Size	10 x 3"
SPEEDOMETER CONNECTIONS: (Optional)	
Location	Front, at Idler Shaft
POWER TAKE-OFF: (Optional)	
Location	Top Rear
Oil Pump	Self-Priming Constant Flow
LUBRICATION:	
Capacity	7 Quarts
Type	SAE 90
PARKING BRAKE:	14 x 3 Dual Shoe
WEIGHT:	450 Lbs.
TORQUE:	3,000 Ft./Lb.

NAPCO 11,000-LB. AXLE
SERVICE PARTS

AXLE HOUSING AND
DIFFERENTIAL ASSEMBLY

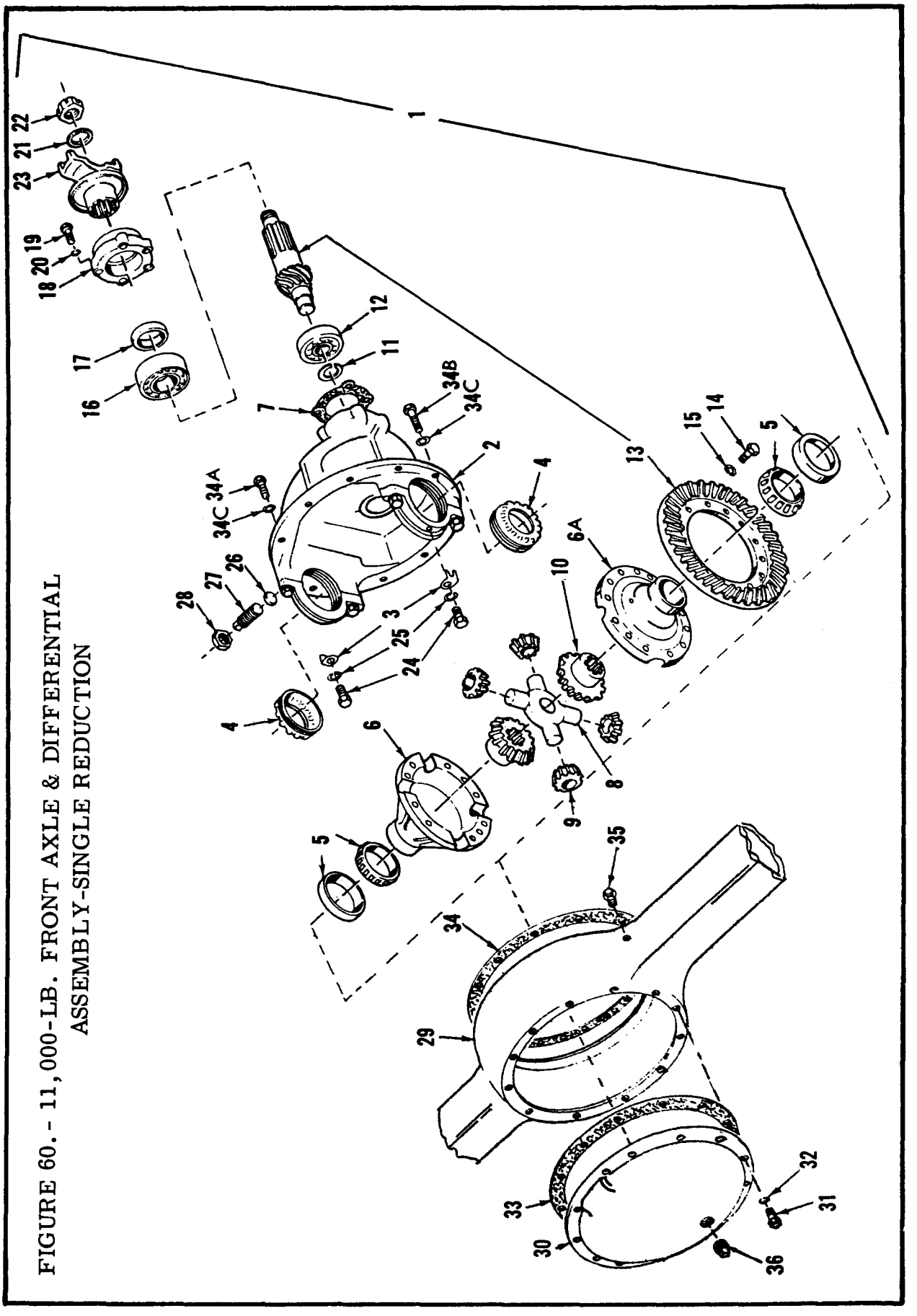
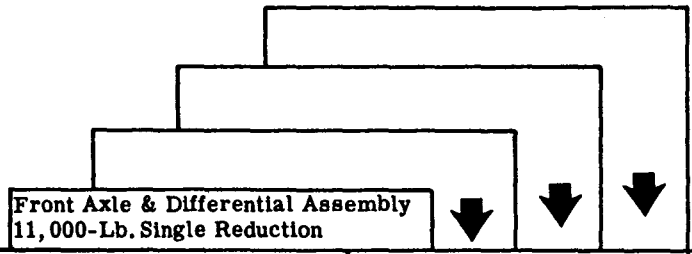
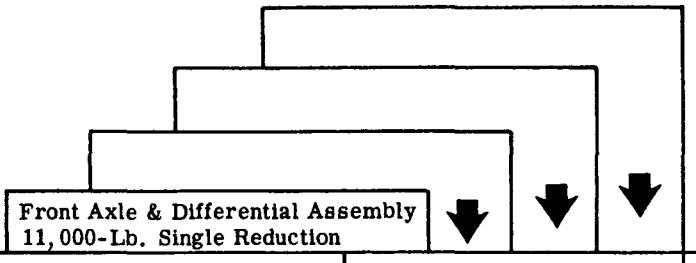


FIGURE 60. - 11,000-LB. FRONT AXLE & DIFFERENTIAL ASSEMBLY-SINGLE REDUCTION



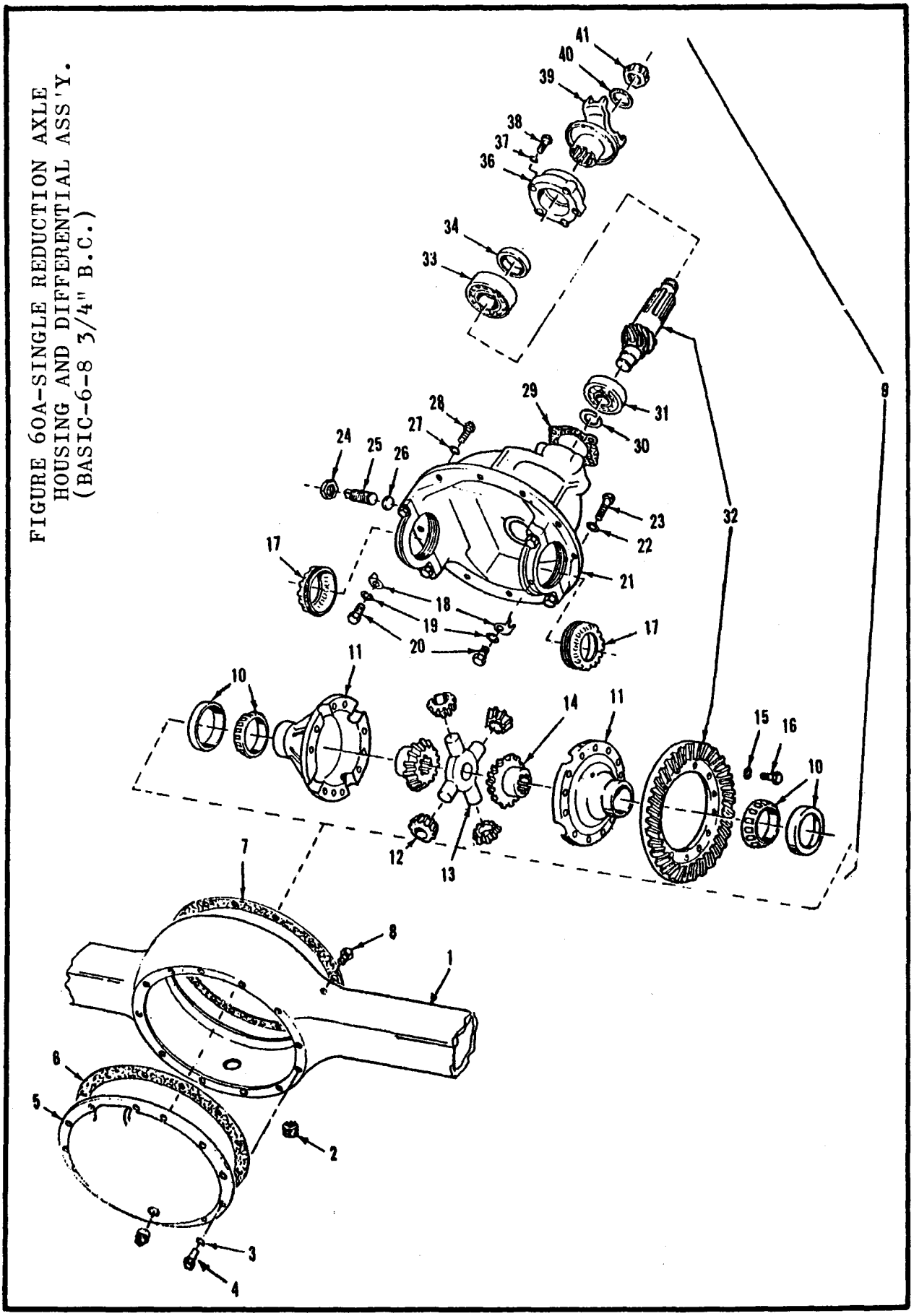
ITEM	DESCRIPTION	QUANTITY A	B	C	D	PART NO.
	DIFFERENTIAL ASSEMBLY-11,000-LB. FRONT AXLE - SINGLE REDUCTION					
	Differential Assembly (6.17 Ratio)	1				37550-501
	Differential Assembly (7.2 Ratio)	1				37550-503
	Differential Assembly (6.66 Ratio)	1				37966
1	Differential Case and Cover Assembly	1				37547
2	Carrier and Cap Assembly (6.17, 7.2 Ratio)	1				37551-501
	Carrier and Cap Assembly (6.66 Ratio)	1				37551
3	Lock, Differential Bearing Adjusting Nut	2				37570
4	Nut, Differential Side Bearing	2				37546
5	Bearing, Differential Side	2				10123
6	Case, Differential	1				37549
6A	Cover, Differential Case	1				14-22
7	Gasket, Pinion Oil Seal Bearing Retainer	1				37572
8	Spider, Differential Pinion	1				37574
9	Gear, Differential-Pinion	4				26-116
10	Gear, Differential Side	2				26-115
11	Ring, Lock	1				37571
12	Bearing, Pinion Shaft Rear	1				10132
13	Ring Gear and Pinion Assembly (6.17 Ratio)	1				10133
	Ring Gear and Pinion Assembly (7.2 Ratio)	1				26-136
	Ring Gear and Pinion Assembly (6.66 Ratio)	1				500996
14	Bolt, Differential Ring Gear	12				37573
15	Lockwasher, Ring Gear Bolt	12				131101
16	Bearing, Pinion Shaft Front	1				10134
17	Seal, Oil, Pinion Flange	1				502902
18	Retainer, Pinion Flange Packing	1				37544
19	Bolt, Packing Retainer to Carrier	6				223435
20	Lockwasher	6				103331
21	Washer, Pinion Nut Flange	1				14131
22	Nut, Pinion	1				14143
*	Cotterpin	1				103388
23	Yoke, Pinion	1				54-7
24	Bolt, Bearing Adjusting Nut Lock	2				180075
25	Lockwasher, Lock Bolt	2				120638
26	Pad, Thrust	1				37543
27	Screw, Thrust Pad	1				37545
28	Nut, Jam, Thrust Pad Screw	1				124954
*	NOT ILLUSTRATED ITEMS					
*	Nameplate (Differential Assembly)	1				75603
*	Screw, Drive (Nameplate, Differential Assembly)	4				500083
	Front Axle Assembly w/Air Brake-20"Disc Wheels (7.2 Ratio)	1				38188
	Front Axle Assembly-w/Air Brake-20"Disc Wheels (6.66 Ratio)	1				38189
	Front Axle Assembly-w/Air Brake-20"Disc Wheels (6.17 Ratio)	1				38190
	Front Axle Assembly-w/Hyd. Brake (7.2 Ratio)	1				37075-503
	Front Axle Assembly-w/Hyd. Brake (6.66 Ratio)	1				37075-505
	Front Axle Assembly-w/Hyd. Brake (6.17 Ratio)	1				37075-507
	Front Axle Assembly-w/Air Brake (7.2 Ratio)	1				37075-509
	Front Axle Assembly-w/Air Brake (6.66 Ratio)	1				37075-511
	Front Axle Assembly-w/Air Brake (6.17 Ratio)	1				37075-513



ITEM	DESCRIPTION	QUANTITY A	B	C	D	PART NO.
	Front Axle Assembly-w/Hyd Brake (7.2 Ratio)	1				37100-503
	Front Axle Assembly-w/Hyd. Brake (6.66 Ratio)	1				37100-505
	Front Axle Assembly-w/Hyd. Brake (6.17 Ratio)	1				37100-507
	Front Axle Assembly-w/Air Brake (7.2 Ratio)	1				37100-509
	Front Axle Assembly w/Air Brake (6.66 Ratio)	1				37100-511
	Front Axle Assembly w/Air Brake (6.17 Ratio)	1				37100-513
29	Housing Assembly-For Following Front Axle	1				36989
	Assembly's: #38188					
	#38189					
	#38190					
	#37075-503					
	#37075-505					
	#37075-507					
	#37075-509					
	#37075-511					
	#37075-513					
29	Housing Assembly for Following Front Axle	1				36938
	Assembly's: #37100-503					
	#37100-505					
	#37100-507					
	#37100-509					
	#37100-511					
	#37100-513					
30	Cover-Differential w/Filler Plug	1				14-22
31	Bolt-Cover- 7/16 - 20 NF x 1	10				181666
32	Lockwasher-Cover-7/16 Heavy	10				131100
33	Gasket-Differential Cover	1				36379
34	Gasket-Differential Carrier	1				16-27
34A	Bolt-Carrier-7/16-20NF x 1 1/4	6				181668
34B	Bolt-Carrier-7/16-20NF x 1 1/2	4				181670
34C	Lockwasher-Carrier- 7/16 Heavy	10				131100
35	Vent-Axle Air	1				10332
36	Plug-Magnetic Drain	1				501041
*	NOT ILLUSTRATED					
	#39142 GASKET SET - CONSISTS OF THE FOLLOWING ITEMS:					
	Page 80,					
	Item 7 - Gasket, Pinion Oil Seal Bearing Retainer #37572 (Qty 1)					
	Item 33 - Gasket, Differential Cover, #36379 (Qty 1)					
	Item 34 - Gasket, Differential Carrier #16-27 (Qty 1)					
*	#39152 BEARING SET - Consists of the following items:					
	Page 80					
	Item 5 - Bearing, Differential Side, #10123 (2 Qty)					
	Item 12 - Bearing, Pinion Shaft Rear, #10132 (1 Qty)					
	Item 16 - Bearing, Pinion Shaft Front, #10134 (1 Qty)					

SINGLE REDUCTION
AXLE HOUSING AND
DIFFERENTIAL ASSEMBLY
6 - 8 3/4" B.C.

FIGURE 60A-SINGLE REDUCTION AXLE HOUSING AND DIFFERENTIAL ASS'Y. (BASIC-6-8 3/4" B.C.)



NAPCO 11,000-LB. AXLE
SERVICE PARTS

SINGLE REDUCTION
AXLE HOUSING AND
DIFFERENTIAL ASSEMBLY
6 - 8 3/4" B. C.

#39152 BEARING SET - Consists of the following items:
Page 81B

- Item 10-Bearing, Differential Side, #10123 (2 Qty)
- Item 31 - Bearing, Pinion Shaft Rear, #10132 (1 Qty)
- Item 33 - Bearing, Pinion Shaft, #10134 (1 Qty)

#39142 GASKET SET - Consists of the following

- Item 6 - Gasket, Differential Cover, #36379 (1 Qty)
- Item 7 - Gasket, Differential Carrier, #16-27 (1 Qty)
- Item 29 - Gasket, Pinion Oil Seal Bearing Retainer #37572 (1 Qty)

ITEM	DESCRIPTION	QUANTITY A	B	C	D	PART NO.
	COMPLETE FRONT AXLE ASSEMBLY - BASIC - 7.2 RATIO - 6 - 8 3/4" B.C.				1	37525
	COMPLETE FRONT AXLE ASSEMBLY - BASIC - 6.2 RATIO - 6 - 8 3/4" B.C.				1	37525-501
1	Housing, Front Axle (Give Serial Number Of Axle When Ordering)				1	37021-503
2	Plug, Magnetic Drain				1	501041
3	Lockwasher				10	131100
4	Bolt, Cover				10	181666
5	Cover, Differential W/Filler Plug				1	14-22
6	Gasket, Differential Cover				1	36379
7	Gasket, Differential Carrier				1	16-27
8	Vent, Axle Air				1	10332
9	Differential Assembly (7.2 Ratio)				1	37550-503
	Differential Assembly (6.2 Ratio)				1	37550-501
10	Bearing, Differential Side - (Cup And Cone)				2	10123
11	Case, Differential				1	37547
12	Gear, Differential Pinion				4	26-116
13	Spider, Differential Pinion				1	37574
14	Gear, Differential Side				2	26-115
15	Lockwasher, Differential Ring Gear				12	131101
16	Bolt, Differential Ring Gear				12	37573
17	Nut, Differential Side Bearing				2	37546
18	Lock, Bearing Adjustment Nut				2	37570
19	Lockwasher				2	120638
20	Bolt, Bearing Adjustment Nut Lock				2	180075
21	Carrier And Cap Assembly - Differential				1	37551
22	Lockwasher				4	131100
23	Bolt, Differential Carrier				4	181670
24	Nut, Thrust Pad Screw				1	124954
25	Screw, Thrust Pad				1	37545
26	Pad, Thrust				1	37543
27	Lockwasher				6	131100
28	Bolt, Differential Carrier				6	181668
29	Gasket, Pinion Oil Seal Retainer				1	37572
30	Lock Ring				1	37571
31	Bearing, Pinion Shaft Rear				1	10132
32	Gear and Pinion Assembly, Ring (7.2 Ratio)				1	26-136
	Gear and Pinion Assembly, Ring (6.2 Ratio)				1	10133
33	Bearing, Pinion Shaft				1	10134
34	Seal, Oil, Pinion Flange				1	502902
36	Retainer, Pinion Flange Packing				1	37544
37	Lockwasher				6	103331
38	Bolt, Packing Retainer To Carrier				6	223435
39	Yoke - Pinion W/Deflector				1	54-7
40	Washer, Pinion Nut Flange				1	14131
41	Nut, Pinion Shaft				1	14143
*	Pin, Cotter				1	103388
*	Complete Hydraulic Brake Assembly - Front Complete (See Page 95 For Parts Breakdown)				1	36369
*	Drum, Brake				2	30286
*	Cover, Inspection Hole (Brake Drum)				2	30287
*	Not Illustrated Items					

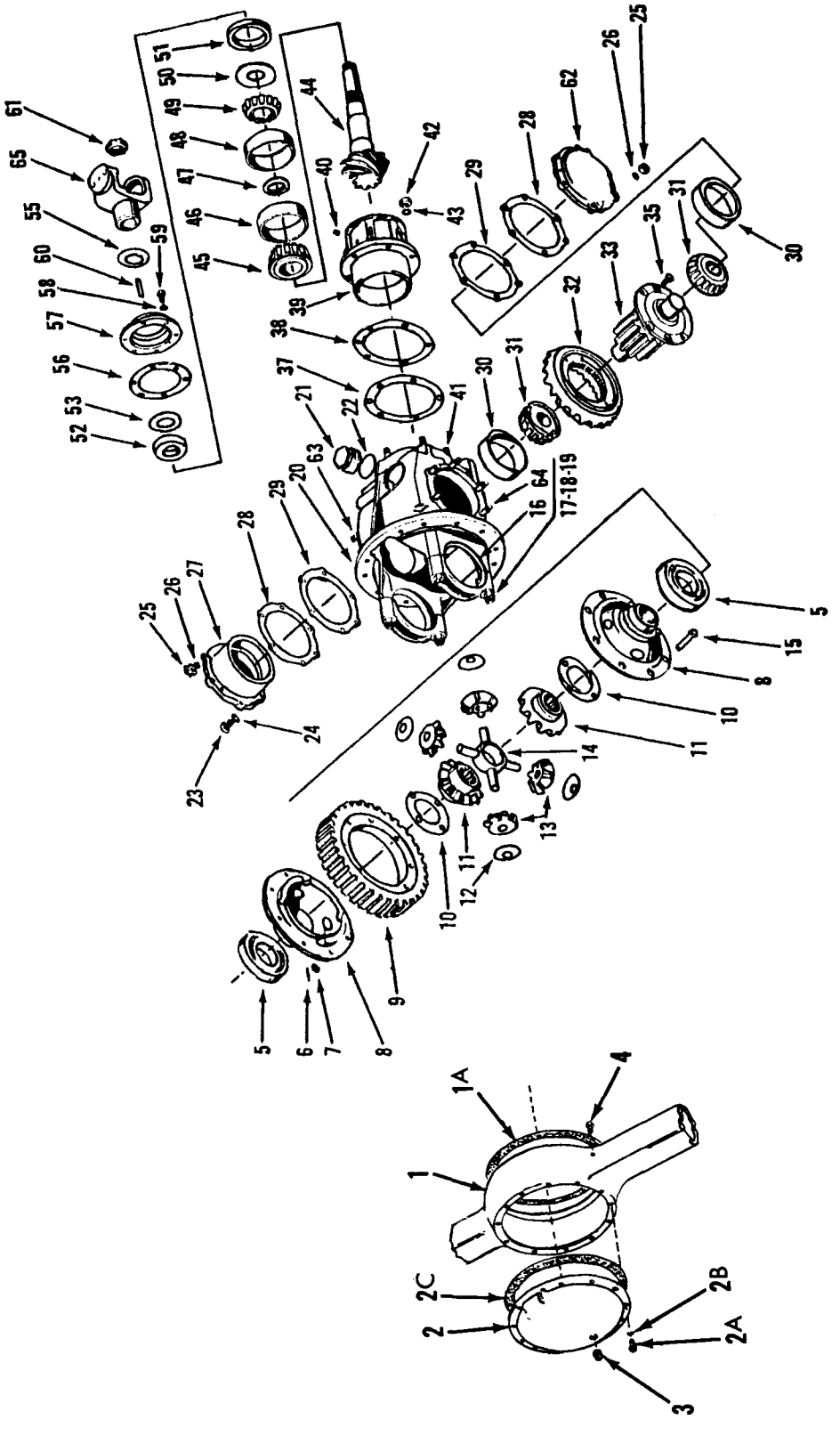
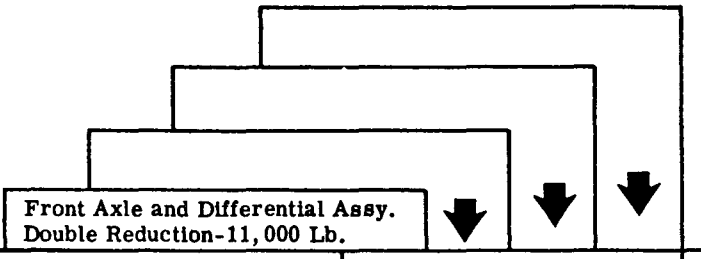
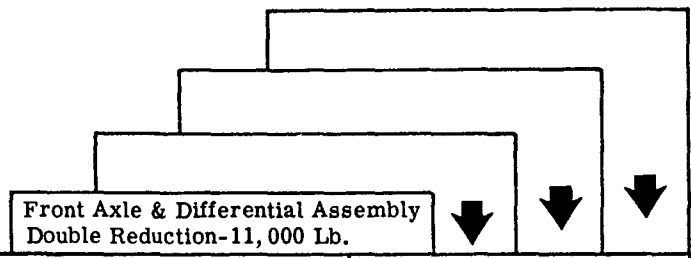


FIGURE 61. - 11,000-LB. FRONT AXLE & DIFFERENTIAL ASSEMBLY-DOUBLE REDUCTION



ITEM	DESCRIPTION	QUANTITY A	QUANTITY B	QUANTITY C	QUANTITY D	PART NO.
	COMPLETE AXLE HOUSING AND DIFFERENTIAL ASSEMBLY-DOUBLE REDUCTION-11,000 LB.					
	Front Axle Assembly-0° Caster w/Hyd. Brake (7.21 Ratio)	1				37488-501
	Front Axle Assembly-0° Caster w/Air Brake (7.21 Ratio)	1				37488-503
	Front Axle Assembly-3° Caster w/Hyd. Brake (7.21 Ratio)	1				37488-505
	Front Axle Assembly-3° Caster w/ Air Brake (7.21 Ratio)	1				37488-507
	Front Axle Assembly-w/Air Brake - For 20" Disc Wheels (7.2 Ratio)	1				38175
	Front Axle Assembly-w/Air Brake-for 20" Disc Wheels (6.66 Ratio)	1				38176
	Front Axle Assembly-w/Air Brake-for 20" Disc Wheels (6.17 Ratio)	1				38177
	Front Axle Assembly-0° Caster w/Air Brake for 20" Disc Wheels (7.21 Ratio)	1				38184
	Front Axle Assembly-3° Caster w/Air Brake for 20" Disc Wheels (7.21 Ratio)	1				38185
	Front Axle Assembly-0° Caster w/Hyd. Brake Bolted Front Covers (7.21 Ratio)	1				38241
	Front Axle Assembly-0° Caster w/Air Brake-Bolted Front Covers (7.21 Ratio)	1				38242
	Front Axle Assembly-3° Caster w/Hyd. Brake-Bolted Front Covers (7.21 Ratio)	1				38243
	Front Axle Assembly-3° Caster w/Air Brake-Bolted Front Covers (7.21 Ratio)	1				38244
1	Housing-Front Axle-0° Caster-Hyd. or Air Brake (7.21 Ratio)	1				37483-501
1	Housing-Front Axle-3° Caster-Hyd. or Air Brake (7.21 Ratio)	1				37483-503
1	Housing-Front Axle-Air Brake-20"Disc. wheels (7.2, 6.66, 6.17 Ratio)	1				36938
1	Housing-Front Axle-0° Caster-Hyd. or Air Brake Bolted Front Covers- (7.21 Ratio)	1				38232
1	Housing-Front Axle-3° Caster-Hyd. or Air Brake-Bolted Front Covers- (7.21 Ratio)	1				38236
1A	Gasket-Differential Carrier-For 7.2, 6.66, 6.17 Ratio Housing	1				16-27
*	Bolt-Carrier-7/16-20NF x 1 1/4	6				181668
*	Bolt-Carrier-7/16-20NF - 1 1/2	4				181670
*	Lockwasher - 7/16 Heavy	10				131100
1A	Gasket-Differential Carrier - For 7.21 Ratio Housing	1				502309
*	Lockwasher-1/2 Med.	12				103323
*	Nut - 1/2- 20	12				103028
*	Plug - Axle Filler	2				36796
*	Gasket-Axle Filler Plug	2				36795
2	Cover Assembly-Housing-0° or 3° Caster- Hyd. or Air Brake Assembly-20"Disc wheels. (for 7.21 Axle Ratio Assembly)	1				30054
*	NOT ILLUSTRATED					



ITEM	DESCRIPTION	QUANTITY				PART NO.
		A	B	C	D	
2	Cover-Differential w/Filler Plug - Air Brake Assembly - 20" Disc Wheels. (for 7.2, 6.66, 6.17 Axle Ratio Assembly)	1				14-22
2	Cover Assembly-Housing-0^0 or 3^0 Caster-Hyd. or Air Brake-Bolted Front Cover. (for 7.21 Axle Ratio Assembly)	1				37253
2A	Bolt-Cover-7/16 - 20NF x 1	10				181666
2B	Lockwasher-Cover, 7/16 Heavy	10				131100
2C	Gasket-Differential Cover	1				36379
3	Plug-Magnetic Drain	1				501041
4	Vent-Axle Air	1				10302
5	Bearing-Carrier	2				502247
6	Cotterpin-1/8 x 1 1/2	8				103387
7	Nut-Differential Case Bolt	8				119255
	Differential Assembly-Complete (Double Reduction Axle Only)	1				502249
8	Differential Case Assembly	1				502250
9	Gear, Spur	1				502259
10	Washer-Thrust, Side Gear Differential	2				502253
11	Gear-Differential Side	2				502252
12	Washer-Thrust-Differential Pinion	4				502255
13	Gear-Differential Pinion	4				502254
14	Spider-Differential	1				502256
15	Bolt-Differential Case	8				502251
16	Retaining Ring-Carrier Bearing	2				502248
17	Stud-Carrier and Cap	4				502246
18	Nut-Carrier and Cap Stud	4				119256
19	Cotterpin	4				103387
20	Carrier and Cap Assembly	1				502245
21	Plug-Carrier Inspection	1				502257
22	Gasket, Inspection Plug	1				502258
23	Screw, Bearing Cap	1				502270
24	Washer, Bearing Cap	1				502271
25	Nut-1/2-20NF	11				103028
26	Lockwasher, 1/2 Med.	11				103323
27	Pinion Brg. Cage Assembly L.H.	1				502265
28	Shim-Thin	2				502267
	Shim-Medium	8				502268
	Shim-Thick	2				502269
29	Gasket, Bearing Cage	2				502266
30	Cup, Pinion Bearing	2				502263
31	Cone, Pinion Bearing	2				502262
32	Gear, Bevel	1				502274
33	Pinion Spur	1				502260
35	Screw, Bevel Gear	6				502275
*	Lockwire	1				502276
37	Shim-Thin	6				502292
	Shim-Medium	1				502293
	Shim-Thick	1				502294
38	Gasket, Forward Brg. Cage	1				502290
39	Cage & Cup Assembly, Forward Brg.	1				502289
40	Plug, Forward Brg. Cage	1				502291
41	Stud, Forward Brg. Cage	6				502297
42	Nut, 9/16-18NF	6				103029

ITEM	DESCRIPTION	QUANTITY A	B	C	D	PART NO.
43	Lockwasher, 9/16 Med.	6				103324
44	Pinion Bevel	1				502277
45	Cone, Pinion Rear Brg.	1				502280
46	Cup, Pinion Rear Brg.	1				502263
47	Shim-For Proper Adjustment of Pinion use one of The Following Shims: (When ordering-Mike-meter Thickness of Existing Shim.)					
	Shim-.187	AR				502298
	Shim-.182	AR				502299
	Shim-.177	AR				502300
	Shim-.172	AR				502301
	Shim-.167	AR				502302
	Shim-.209	AR				502303
	Shim-.204	AR				502304
	Shim-.199	AR				502305
	Shim-.194	AR				502306
	Shim-.189	AR				502307
48	Cup, Pinion Fwd. Brg.	1				502282
49	Cone, Pinion Fwd. Brg.	1				502281
50	Ring, Fwd. Brg. Spinner	1				502287
51	Oil Seal, Fwd. Bearing	1				502288
52	Nut, Forward Bearing Adjusting	1				502283
53	Jam Nut, Forward Bearing	1				502284
*	Screw, Fwd. Brg. Jam Nut	1				502285
55	Lock, Fwd. Brg. Jam Nut	1				502286
56	Gasket, Fwd. Brg. Cover	1				502296
57	Cover Assembly Fwd. Bearing	1				502295
58	Lockwasher, 3/8 Med.	6				103321
59	Screw, Foward Bearing Cover	6				179839
60	Key, Bevel Pinion	1				502278
61	Nut, Bevel Pinion	1				502279
62	Pinion Bearing Cage Assembly - R.H.	1				502264
63	Stud, Bearing Cage	5				502272
64	Stud, Bearing Cage	6				502273
65	End Yoke	1				502308
*	Cotter Pin, 1/8 x 2 1/4	1				103390

* #39173 - SHIM SET - Consists of the following items:

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Item 28 - Shim (thin) Pinion Bearing Cage Assembly LH #502267 (2 Qty)
Shim (medium) Pinion Bearing Cage Assembly LH #502268 (8 Qty)
Shim (thick) Pinion Bearing Cage Assembly LH #502269 (2 Qty)
Item 37 - Shim (thin) Cage and Cup Assembly Forward Bearing #502292 (6 Qty)
Shim (medium) Cage and Cup Assembly Forward Bearing #502293 (1 Qty)
Shim (thick) Cage and Cup Assembly Forward Bearing, #502294 (1 Qty)

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Item 47 - Shim for Proper Adjustment of Pinion (.187) #502298 (AR)
- Shim for Proper Adjustment of Pinion (.182) #502299 (AR)
- Shim for Proper Adjustment of Pinion (.177) #502300 (AR)
-Shim for Proper Adjustment of Pinion (.172) #502301 (AR)
- Shim for Proper Adjustment of Pinion (.167) #502302 (AR)
-Shim for Proper Adjustment of Pinion (.209) #502303 (AR)
- Shim for Proper Adjustment of Pinion (.204) #502304 (AR)
- Shim for Proper Adjustment of Pinion (.199) #502305 (AR)
- Shim for Proper Adjustment of Pinion (.194) #502306 (AR)
- Shim for Proper Adjustment of Pinion (.189) #502307 (AR)

#39141 GASKET SET - CONSISTS OF THE FOLLOWING ITEMS:

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Item 1A - Gasket, Differential Carrier-For 7.2, 6.66, 6.17, Ratio Housing #16-27 (Qty 1)
Item 1A - Gasket, Differential Carrier-For 7.21 Ratio Housing #502309 (Qty 1)
* - Gasket, Axle Filler Plug, #36795 (Qty 2

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Item 2C - Gasket, Differential Cover, #36379 (Qty 1)
Item 22-Gasket, Inspection Plug, #502258 (Qty 1)
Item 29-Gasket, Bearing, Cage #502266(Qty 2
Item 38-Gasket, Forward Bearing Cage, #502290 (Qty 1)

Page 85,

Item 56-Gasket, Forward Bearing Cover, #502296 (Qty 1)

* - NOT ILLUSTRATED

#39153 BEARING SET - Consists of the following Items:

Page 84

Item 5 - Bearing, Carrier, #502247 (2 Qty
Item 30 - Cup, Pinion Bearing, #502263 (2 Qty)
Item 31 - Cone, Pinion Bearing #502262 (2 Qty)

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Item 45 - Cone, Pinion Rear Bearing, #502280 (1 Qty)
Item 46 - Cup, Pinion Rear Bearing, #502263 (1 Qty)
Item 48 - Cup, Pinion Forward Bearing, #502282 (1 Qty)
Item 49 - Cone, Pinion Forward Bearing, #502281 (1 Qty)

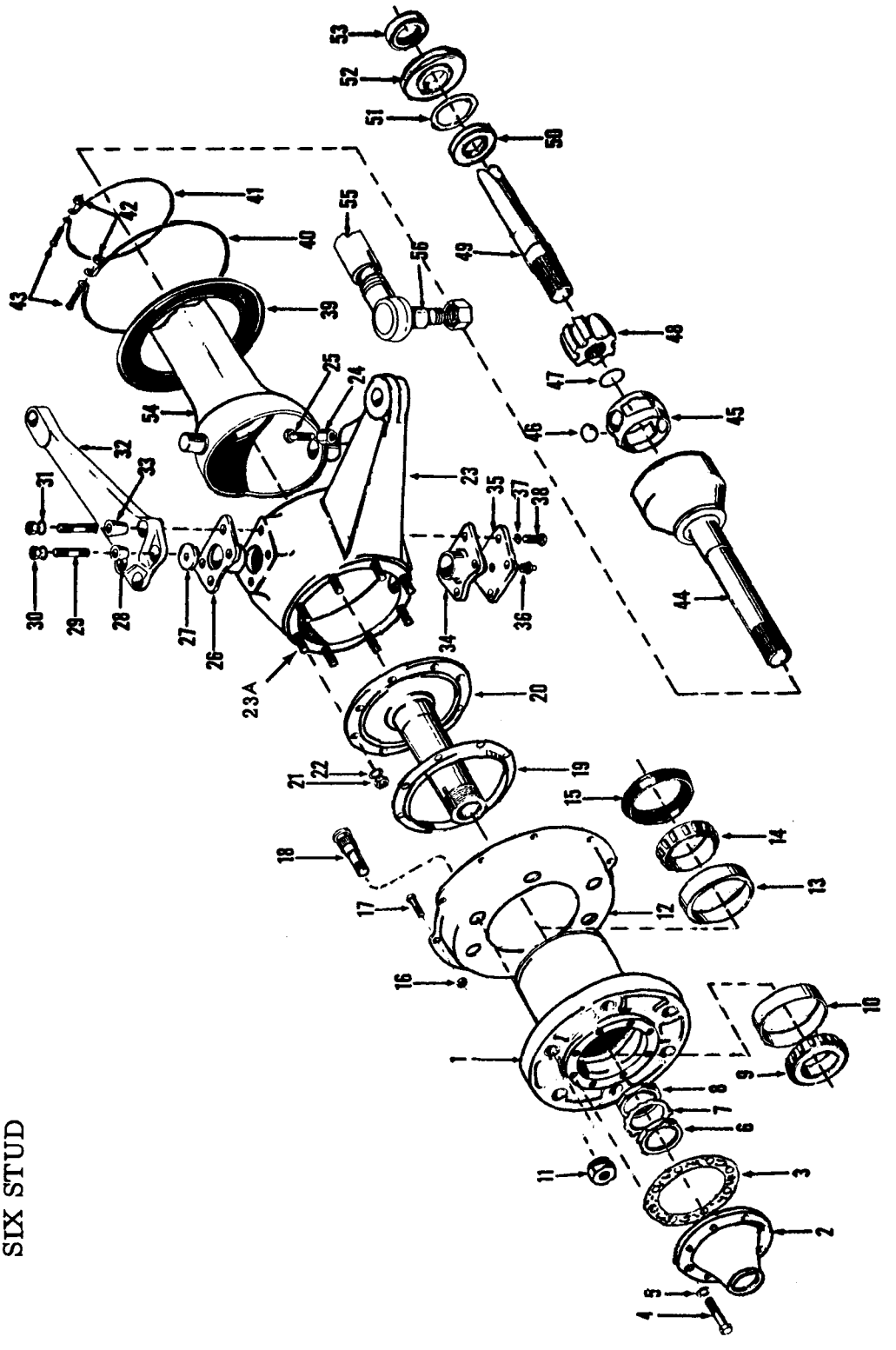
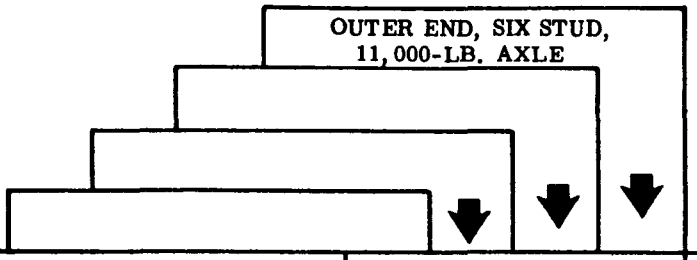
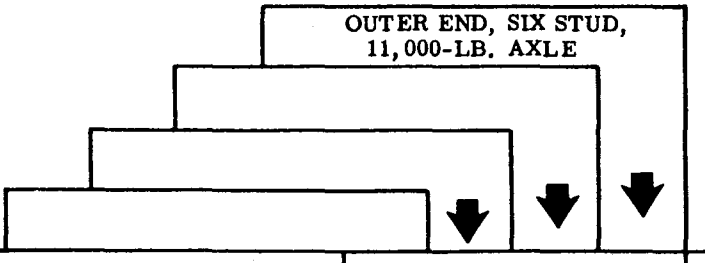


FIGURE 62.
OUTER END,
SIX STUD



ITEM	DESCRIPTION	QUANTITY				PART NO.
		A	B	C	D	
	OUTER END - SIX STUD - 11,000-LB. AXLE					
1	Hub Assembly				1	37391
2	Flange Assembly - Drive				2	37267
	Flange, Drive				2	37264
	Plug, Drive Flange				2	30264
3	Gasket, Drive Flange				2	37268
4	Bolt, Drive Flange To Hub				16	37390
5	Lockwasher, Drive Flange To Hub				16	502099
6	Nut, Wheel Bearing Adjusting				2	30110
7	Lock Wheel Bearing Adjusting Nut				2	30111
8	Nut, Wheel Bearing Adjusting				2	30110
9	Cone, Wheel Bearing Outer				2	500010
10	Cup, Bearing, Outer				2	500009
11	Nut, R. H.				6	500084
	Nut, L. H.				6	500052
12	Adapter, Brake Drum, Front				2	30285
13	Cup, Bearing, Inner				2	500009
14	Cone, Bearing, Inner				2	500131
15	Seal, Wheel Bearing Oil				2	30106
16	Nut, Adapter To Drum				20	451010
17	Bolt, Adapter To Drum				20	500081
18	Stud, Hub				12	502101
19	Slinger, Oil				2	30303
20	Spindle Assembly				2	35220
*	Bushing, Spindle				2	500067
21	Nut, Spindle Stud				24	103026
22	Washer, Lock, Spindle Stud				24	500082
*	Complete Knuckle Assy. - L. H. Steer				1	37663
*	Complete Knuckle Assy. - R. H. Steer				1	30306
23	Knuckle, L. H.				1	30244
	Knuckle, R. H.				1	30245
23A	Stud, Spindle				24	500036
24	Nut, Steering Stop				2	500048
25	Bolt, Steering Stop				2	500133



ITEM	DESCRIPTION	QUANTITY				PART NO.
		A	B	C	D	
*	Complete Sleeve Assembly - Knuckle, Upper				2	30248
26	Sleeve, Knuckle, Upper				2	30248
*	Bushing. Steering Knuckle				2	500038
27	Spacer - Steering Knuckle Trunnion (.185 Thick)				AR	30294
	(.195 Thick)				AR	30295
	(.205 Thick)				AR	30297
	(.215 Thick)				AR	30298
	(.225 Thick)				AR	30299
	(.235 Thick)				AR	30300
	(.245 Thick)				AR	30301
28	Dowel, Taper (Give Serial No. Of Axle When					
	Ordering Part.)				1	
29	Stud, Steering Arm (Give Serial No. Of Axle When					
	Ordering Part)				1	
30	Nut, Steering Arm, Stud (Give Serial No. Of Axle					
	When Ordering Part)				2	
31	Washer, Lock, Arm Stud (Give Serial No. Of Axle					
	When Ordering Part)				2	
32	Arm, Steering (Give Serial No. of Axle When					
	Ordering Part)				1	
33	Dowel, Taper (Give Serial No. Of Axle When					
	Ordering Part)				1	
*	Complete Sleeve Assembly - Knuckle Lower				2	30250
34	Sleeve, Knuckle, Lower				2	30251
*	Bushing, Steering Knuckle				2	500038
35	Plate, Trunnion Cap				3	30305
36	Fitting, Trunnion Grease				3	191758
37	Lockwasher, Trunnion Cap				12	103324
38	Cap Screw, Trunnion Cap				12	500164
39	Boot, Knuckle				2	30278
*	Complete Clamp Assembly - Steering Knuckle					
	Boot (Outer)				2	30276
40	Clamp, Knuckle Boot (Outer)				2	30277
*	Complete Clamp Assembly - Steering Knuckle					
	Boot (Inner)				2	30274
41	Clamp, Knuckle Boot Inner				2	30275
42	Nut, Clamp Boot				4	500045
43	Bolt, Clamp Boot				4	500047

NAPCO 11,000-LB. AXLE
SERVICE PARTS

OUTER END, SIX STUD, 11.000-LB. AXLE

OUTER END, SIX STUD

ITEM	DESCRIPTION	QUANTITY				PART NO.
		A	B	C	D	
*	Universal Joint Assembly - Outer				2	30254
44	Bell, Outer Race				2	500513
45	Cage				2	500515
46	Ball				12	500516
47	Retainer, Spring				2	30311
48	Race, Inner				2	500514
*	Shaft and U-Joint Assembly L. H. Long				1	35221
*	Shaft and U-Joint Assembly R. H. Short				1	35222
49	Shaft, Inner Axle, L. H. Long				1	35217
	Shaft, Inner Axle, R. H. Short				1	35218
50	Spacer - U-Joint Shaft				2	30580
51	Spacer				2	30260
*	Complete Retainer Assembly - Oil Seal				2	30258
52	Retainer, Oil Seal				2	30259
53	Backing Plate				2	75570
54	Socket, Trunnion, Part of Axle Housing				2	35211
*	Pin, Trunnion				4	30059
55	Tie Rod Assembly				1	35229
	Rod Sub-Assembly-Tie				1	35227
	Rod, Cross				1	35228
	Clamp, Cross Tube End				4	500040
	Bolt, Clamp				4	271590
	Nut, Clamp				4	103030
	Lockwasher, Clamp				4	103325
56	End Assembly, Cross Tube Rod R. H.				1	30268
	End Assembly, Cross Tube Rod L. H.				1	30270
	End, Cross Tube Rod, R. H.				1	30269
	End, Cross Tube Rod, L. H.				1	30271
	Stud, Cross Tube End				2	30272
	Bearing, Tie Rod End				2	500041
	Spring				2	500042
	Seat, Spring				2	500043
	Plug				2	30273
	Nut, Stud				2	427645
	Pin, Cotter				2	103387
	Cover, Dust				2	500044
*	Seal, Oil (Located Between Items #52 and #53)				2	500039
* AR	Not Illustrated Items As Required					

#39154 BEARING SET - Consists of the following items

Page 87

Item 9 - Cone, Wheel Bearing Outer, #500010 (2 Qty)

Item 10 - Cup, Wheel Bearing Outer, #500009 (2 Qty)

Item 13 - Cup, Bearing, Inner #500009 (2 Qty)

Item 14 - Cone, Bearing, Inner #500131 (2 Qty)

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Item 56 - Bearing, Tie Rod End, #500041, (2 Qty)

#39190 SEAL SET - Consists of the following items:

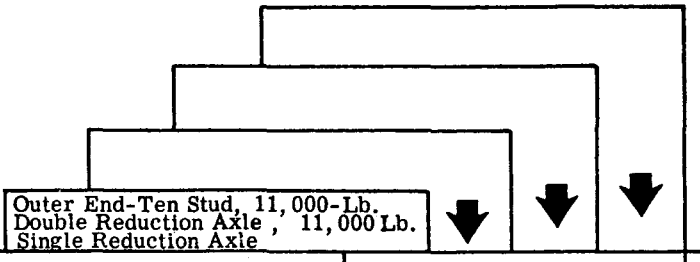
Page 87

Item 15 - Seal, Oil, Wheel Bearing, #30106 (Qty 2)

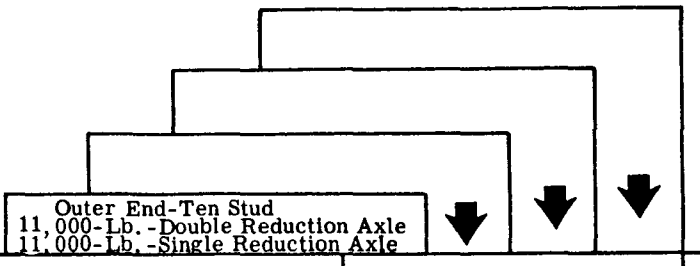
Page 89

* - Seal Oil (located between oil seal retainer and backing plate)#500039 (Qty 2

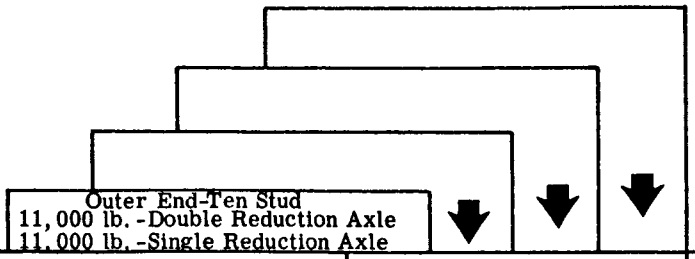
NOT ILLUSTRATED ITEMS



ITEM	DESCRIPTION	QUANTITY A	B	C	D	PART NO.
	OUTER END-TEN STUD					
	(Illustration - Page 93) Hub and Cup Assembly (Complete)	2				501385
	Hub and Cup Assy. -L.H.	1				38187
	Hub and Cup Assy. -R.H.	1				38186
1	Hub	2				501386
*	Spacer, Hub	1				38173
2	Cup-Outer Bearing	2				501251
3	Cone-Outer Bearing	2				501250
4	Cup-Inner Bearing	2				501253
5	Cone-Inner Bearing	2				501252
6	Felt-Bearing	2				501254
*	Retainer-Bearing Felt	2				501387
7	Complete Flange Assy. -Steering Knuckle Companion-L.H. (Air Only) (See Item 27 For R.H. Assy.)	1				501335
*	Flange-Steering Knuckle (Air Only)	1				502186
*	Flange-Steering Knuckle (Air Only)	1				502191
*	Stud, Steering Knuckle Companion Flange (Air Only)	12				501336
*	Screw, Steering Knuckle Companion Flange -7/16-20NF 2 x 2 (Spl) (Air Only)	2				500563
*	Screw, Steering Knuckle Companion Flange -7/16-20NF 2 x 1 1/2 (Spl) (Air Only)	10				501337
*	Lockwasher -7/16 Med (Air Only)	12				103322
*	Nut-7/16-20NF2 (Air Only)	12				271505
*	Nut-Chamber-Attaching (Air Only)	1				103028
*	Stud-Chamber (Air Only)	1				501467
7	Complete Flange Assy. -Steering Knuckle Companion -L.H. (Hyd. Only)	1				36402
	Complete Flange Assy. -Steering Knuckle Companion-R.H. (Hyd. Only)	1				36403
*	Stud-Steering Knuckle Companion Flange (Hyd. Only)	24				36391
*	Screw-Steering Knuckle Companion Flange-7/16-20NF 2x2 (Spl.)(Hyd. Only)	4				500563
*	Screw-Steering Knuckle Companion Flange -7/16-20NF 2 x 1 1/2 (Spl.) (Hyd. Only)	20				501337
*	Lockwasher-Steering Knuckle Flange Screw Nut-7/16 Med. (Hyd. Only)	24				103322
*	Nut-Steering Knuckle Flange Screw-7/16-20NF2 (Hyd. Only)	24				271505
8	Spindle Assy. (Air)	2				501338
*	Spindle (Air)	2				501339
*	Bushing, Spindle (Air)	2				501340
8	Spindle Assy. (Hyd.)	2				36395-501
*	Spindle (Hyd.)	2				36397
*	Bushing, Spindle (Hyd.)	2				501340
*	Ring, Pilot (Hyd.)	2				36396
9	Slinger, Oil, Steering Knuckle	2				501346
10	Lockwasher, Steering Knuckle Companion Flange Stud Nut 3/8 Med.	24				103321
10A	Stud Or Dowel - Stud Or Dowel Used Depending On Axle - Give Serial No. Of Axle When Ordering This Part.	4				—



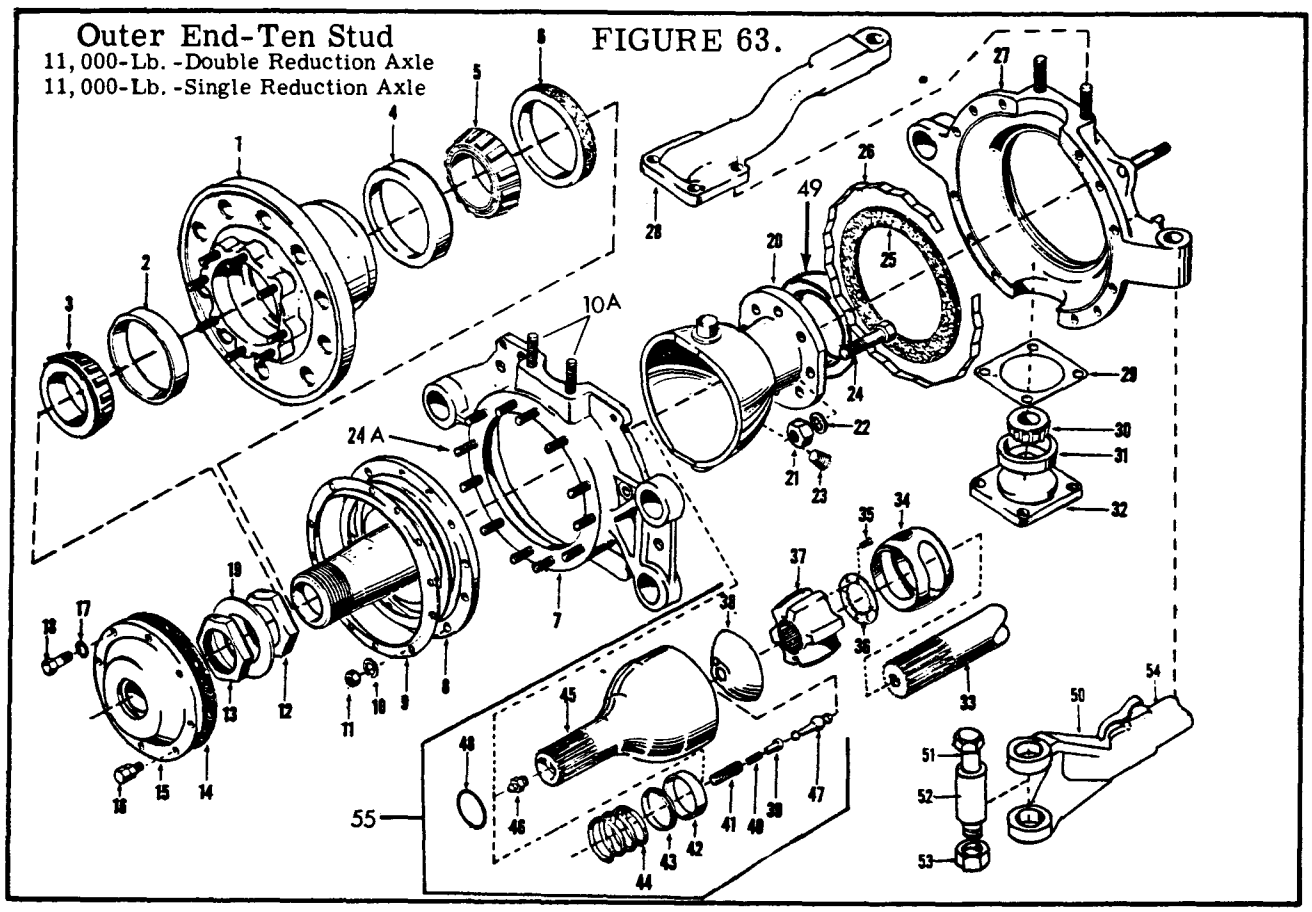
ITEM	DESCRIPTION	QUANTITY				PART NO.
		A	B	C	D	
11	Nut, Steering Knuckle Companion Flange Stud 3/8 - 24 NF 2	24				103026
12	Nut, Bearing	2				501334
13	Nut, Bearing	2				501334
*	Lock, Bearing Nut	2				501260
14	Gasket, Drive Flange	2				36399
15	Flange, Drive	2				501350
*	Stud, Drive Flange	16				501275
16	Screw-Drive Flange Puller	4				501352
*	Nut-Drive Flange Puller	4				102635
17	Lockwasher, Drive Flange -Stud Nut	16				103323
18	Nut, Drive Flange Stud	16				103028
19	Lock, Bearing Nut	2				501260
20	Socket Assembly Steering Knuckle Trunnion	2				501347
*	Socket-Trunnion	2				501348
*	Pin-Trunnion	2				502315
21	Nut-Socket To Housing(Large)	8				218197
21	Nut-Socket to Housing (Small)	8				103029
22	Washer-Socket to Housing (Large)	8				103326
22	Washer-Socket to Housing (Small)	8				103324
23	Plug-Trunnion Socket	2				125947
24	Stud-Socket to Housing (Large) 3/4 x 2 1/2	8				36991
24	Stud-Socket to Housing (Small) 9/16 x 2 3/8	8				36990
24A	Stud-1/2 -20 NF x 1/2 - 13 NC x 2	12				14000
25	Felt-Steering Knuckle Trunnion Socket	2				501256
26	Spring-Steering Knuckle Trunnion Socket Felt	2				501255
27	Flange Assembly-Steering Knuckle Companion - R.H. (Air Only)	1				501333
*	Flange-Steering Knuckle (Air Only)	1				502186
*	Flange-Companion Steering Knuckle (Air Only)	1				502191
*	Stud-Steering Knuckle Companion Flange (Air Only)	12				501336
*	Screw-Steering Knuckle Companion Flange-7/16-20 NF 2x2 (Spl.) (Air Only)	2				500563
*	Screw-Steering Knuckle Companion Flange 7/16 - 20 NF 2 x 1 1/2 (Spl.) (Air Only)	10				501337
*	Lockwasher-Steering Knuckle Flange Screw Nut- 7/16 Med. (Air Only)	12				103322
*	Nut-Steering Nut Flange Screw - 7/16 -20 NF 2 (Air Only)	12				271505
*	Stud-Chamber (Air Only)	1				501467
*	Nut-Chamber, Attaching (Air Only)	1				103028
28	Arm, Steering (Give Serial No. of Axle)	1				—
29	Shim, Steering Knuckle Bearing Cap (Thick)	4				501298
29	Shim, Steering Knuckle Bearing Cap (Thin)	20				501299
30	Cone-Steering Knuckle Bearing	4				10150
31	Cup- Steering Knuckle Bearing	4				10187
32	Cap-Steering Knuckle Bearing (Lower)	2				501342
32	Cap-Steering Knuckle Bearing (Upper)	1				501341
*	Cap-Bearing	1				36469
*	Ring-Bearing Cap	1				36476
*	Bolt-Steering Knuckle Bearing	16				179885
*	Lockwasher-Steering Knuckle Bearing Bolt	16				103323
*	Fitting-Grease, Upper Cap	1				109354
*	NOT ILLUSTRATED					



ITEM	DESCRIPTION	QUANTITY A	B	C	D	PART NO.
33	Shaft Assembly-L.H. Long (7.21 Ratio)	1				37491-503
	Shaft Assembly R.H.-Short (7.21 Ratio)	1				37491-505
*	Shaft-L.H.	1				37491-3
*	Shaft-R.H.	1				37491-5
*	Pilot Pin Seat	2				501362
33	Shaft-L.H.-Long w/501362 Pilot Pin Seat (7.2, 6.66, 6.17 Ratio)	1				36201-1
	Shaft-R.H.-Short w/501362 Pilot Pin Seat (7.2, 6.66, 6.17 Ratio)	1				36201-2
34	Cage-Inner, Universal Joint	2				501359
35	Screw-U-Joint & Shaft Retainer	12				501294
*	Wire-Universal Joint and Shaft Retainer	AR				61-53
36	Retainer-U-Joint & Shaft	2				501283
37	Race-Inner	2				501360
*	Ball-Cage	12				501296
38	Pilot-U-Joint	2				501358
39	Plunger-Pilot Pin	2				501356
40	Springer-Buffer	2				501293
41	Spring-Pilot Spring Plunger	2				501282
42	Spacer-U-Joint	2				501364
43	Packing - U-Joint	2				501270
44	Spring - U-Joint	2				501281
45	Cage-Outer	2				501354
46	Fitting-Lube, Outer Cage	2				109388
47	Pin - Pilot	2				501357
48	Ring-Shaft Retainer	2				501280
49	Seal, - Oil-Front Axle Shaft	2				501491
50	End-Tie Rod, L.H.	1				501395
50	End-Tie Rod, R.H.	1				501396
*	Nut-Tie Rod End Lock	1				501397
*	Bolt-Tie Rod End Clamp	4				501398
*	Nut-Tie Rod End Clamp Bolt	4				103028
*	Lockwasher-Tie Rod End Clamp Bolt	4				103323
51	Pin-Tie Rod End	2				501399
52	Bushing-Tie Rod End Pin	2				501273
*	Fitting-Rod End Grease	2				109354
*	Cotter Pin-3/32 x 1 1/2	2				103376
53	Nut-Pin	2				501400
*	Pin, Lock	2				501401
54	Rod-Tie (7.21 Ratio)	1				501394
54	Rod-Tie (7.2, 6.66, 6.17 Ratio)	1				36269
55	Shaft & U-Joint Assembly (L.H. Long) (7.21 Ratio) (Includes Items 38-48 Inclusive)	1				39490-501
	Shaft & U-Joint Assembly (R.H. Short)(7.21 Ratio) (Includes Items 33-48 Inclusive)	1				37490-502
55	Shaft & U-Joint Assembly (L.H. Long)(7.2, 6.66, 6.17 Ratio)(Includes Items 33-48 Inclusive)	1				37531-501
55	Shaft & U-Joint Assembly (R.H. Short)(7.2, 6.66, 6.17 Ratio)(Includes Items 33-48 Inclusive)	1				37531-502
*	U-Joint Assembly	2				501353
*	NOT ILLUSTRATED ITEMS					
*	Screw-Steering Knuckle Stop	2				501345
*	Nut-Jam, Steering Knuckle Stop Screw	2				272120
*	Shoulder Stud-R.H.-3/4-16	10				501232
*	Shoulder Stud-L.H.-3/4-16	10				501233

Outer End - Ten Stud
11,000 lb. -Double Reduction Axle
11,000 lb. - Single Reduction Axle

ITEM	DESCRIPTION	QUANTITY A	B	C	D	PART NO.
*	Cap Nut-R.H.-3/4-16	10				53-90
*	Cap Nut-L.H.-3/4-16	10				500007
*	Lock Nut, Jam-3/4-16	20				503164
*	Back Nut-3/4-16	20				500858
*	Screw-Dust Shield Cap (Air Only)	12				501384
*	Washer-Dust Shield Capscrew (Air Only)	12				103321
*	#39155 BEARING SET - Consists of the following items:	#39191 SHIM SET - Consists of the following items:				
	Page 90	Page 91				
	Item 2 - Cup, Outer Bearing, #501251, (2 Qty)	Item 29 - Shim, Steering Knuckle Bearing Cap (thick) #501298 (Qty 4)				
	Item 3 - Cone, Outer Bearing, #501250 (2 Qty)	Shim, Steering Knuckle Bearing Cap (thin)#501299 (Qty 20)				
	Item 4 - Cup, Inner Bearing, #501253, (2 Qty)					
	Item 5 - Cone, Inner Bearing, #501252 (2 Qty)					
	Page 91					
	Item 30 - Cone, Steering Knuckle Bearing, #10150 (4 Qty)					
	Item 31 - Cup, Steering Knuckle Bearing, #10187 (4 Qty)					
*	NOT ILLUSTRATED					



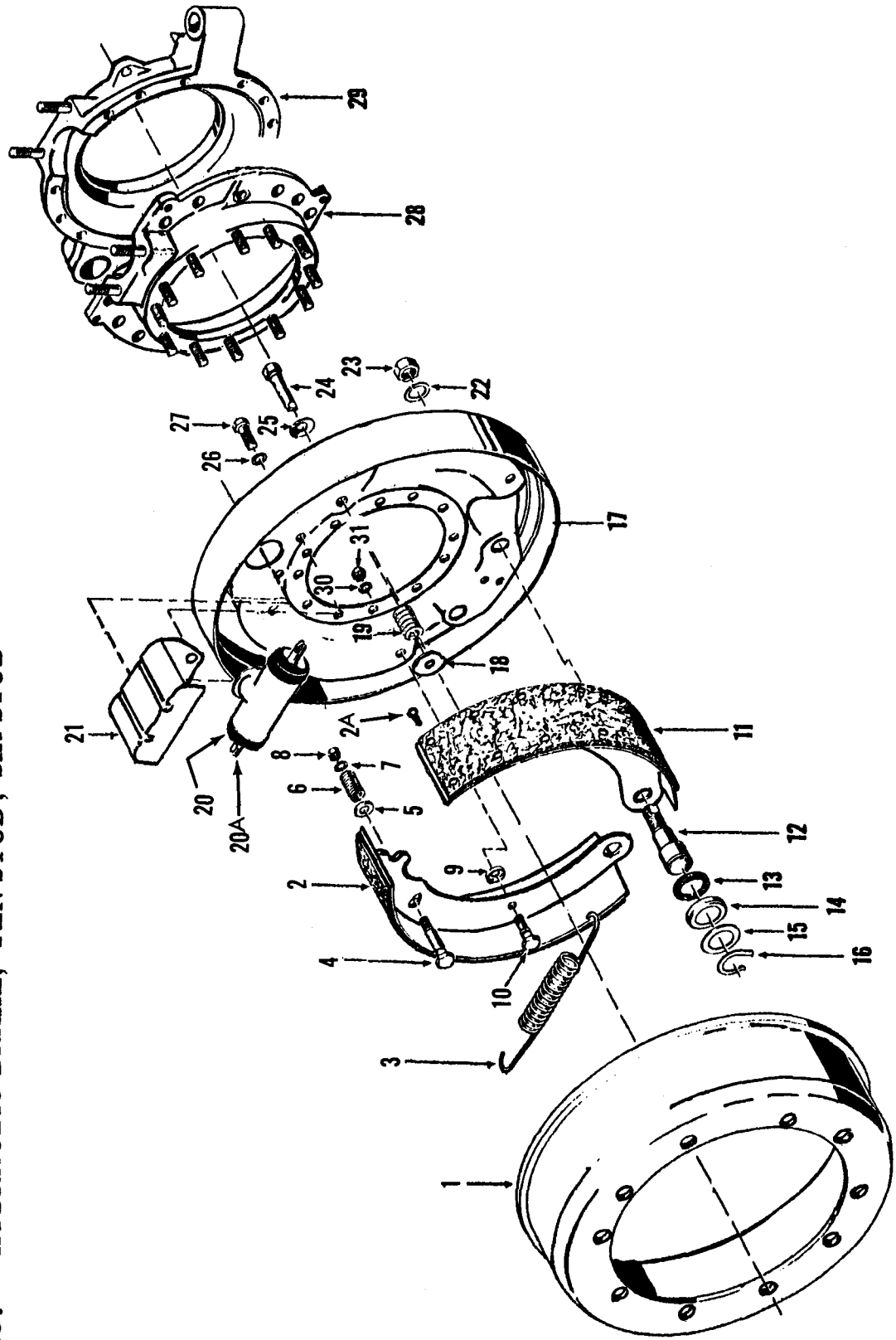
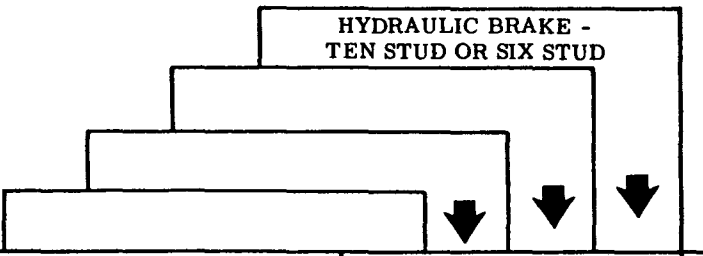
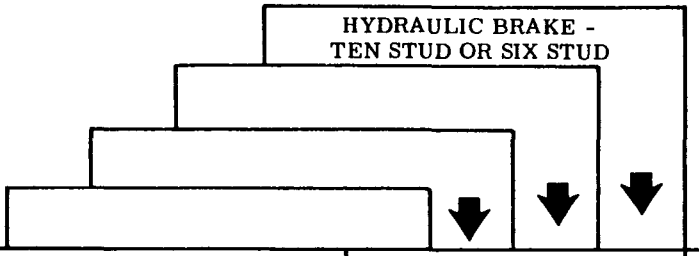


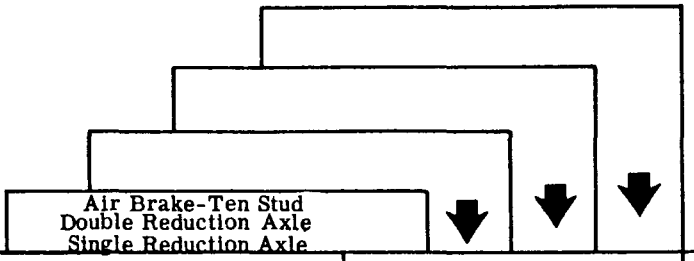
FIG. 64-HYDRAULIC BRAKE, TEN STUD,- SIX STUD



ITEM	DESCRIPTION	QUANTITY				PART NO.
		A	B	C	D	
	HYDRAULIC BRAKE-TEN STUD OR SIX STUD					
	Complete Hydraulic Brake Assembly - Front 15"x3"				2	36369
1	Drum, Brake				2	30286
2	Lining, Brake Shoe				4	500224
2A	Rivet, Brake Shoe Lining				56	500225
3	Spring, Shoe Return				2	500348
4	Pin, Brake Shoe Guide (Long)				4	500344
5	Washer, Brake Shoe Guide Pin (Upper)				4	500347
6	Spring, Brake Shoe Alignment				4	500346
7	Lockwasher, 5/16" Medium				2	103320
8	Nut, Hex, 5/16" - 24				2	103025
9	Washer, Brake Shoe Guide Pin (Lower)				2	500349
10	Pin, Brake Shoe Guide (Short)				2	500345
11	Shoe and Lining Assembly (Complete)				4	500321
*	Shoe Assembly-Brake				4	30310
12	Pin, Anchor				2	500339
13	Felt, Anchor Pin				2	500340
14	Retainer, Anchor Pin Felt				2	500341
15	Washer, Anchor Pin				2	500342
16	Retainer, Anchor Pin				2	500343
17	Plate Assembly, Backing				2	30062
18	Cam, Adjusting				2	500320
19	Spring, Adjusting Cam				2	500319
20	Cylinder Assembly-Complete wheel assembly for					
	one wheel				1	501188
	Cylinder Assembly-(consists of the following five					
	items - cylinder, piston, cup, spring and boot)				1	501183
	Cylinder				1	500326
	Piston, Wheel Cylinder				2	500328
**	Cup, Wheel Cylinder				2	500329
	Spring, Wheel Cylinder				1	500330
**	Boot, Wheel Cylinder.				2	500331
20A	Rod, Wheel Cylinder Push				2	500337
*	Screw, Bleeder				1	500327
*	Fitting, Wheel Cylinder				2	500594
*	Bolt, Wheel Cylinder				2	500333
*	Gasket, Wheel Cylinder				1	500334



ITEM	DESCRIPTION	QUANTITY				PART NO.
		A	B	C	D	
*	Gasket, Wheel Cylinder				1	500335
21	Cover, Wheel Cylinder (Note: Not used on later					
	model assemblies of the wheel cylinder)				2	500338
22	Lockwasher, 3/4" Medium				2	103326
23	Nut, Hex, 3/4" - 16				2	219753
24	Stud, Adjusting Cam				2	500317
25	Washer, Adjusting Cam				2	500318
26	Lockwasher, 3/8" Medium				2	103321
27	Bolt, 3/8" - 16 x 7/8" Hex. Hd.				2	179838
28	Housing, Steering Knuckle				2	36402
29	Housing, Steering Knuckle				2	36403
30	Lockwasher, 5/16" Medium				2	103320
31	Nut, Hex, 5/16" - 24				2	103025
	Note: Items 28 and 29 sold as an assembly.					
	Matched sets only.					
*	Not Illustrated Items					
**	Items Contained in Wheel Cylinder Repair Kit					
	Wheel Cylinder Repair Kit (Consists of #500329					
	Cup (2), #500331 Boot (2).				1	501184
	Brake Relining Kit (Consists of #500224 Lining (4),					
	#500225 Rivet (56).				1	503971



ITEM	DESCRIPTION	QUANTITY A	B	C	D	PART NO.
	AIR BRAKE - TEN STUD (DOUBLE OR SINGLE REDUCTION AXLES) (Illustration - Page 98)					
1	Drum, Brake	2				501391
*	Cover, Brake Drum Inspection	2				501392
*	Bolt, Inspection Cover	2				501393
*	Lockwasher, 1/4 Med.	2				103319
2	Cap Nut, L.H.	10				500007
	Cap Nut, R.H.	10				53-90
3	Nut	16				103028
4	Lockwasher	16				103323
5	Brake Shoe Assembly-L.H. Upper-R.H. Lower	2				501365
	Brake Shoe-L.H. Upper-R.H. Lower	2				501367
6	Brake Shoe Assembly-R.H. Upper, L.H. Lower	2				501366
*	Brake Shoe-R.H. Upper, L.H. Lower	2				501368
*	Lining, Brake Shoe	4				501369
*	Rivet, Brake Shoe Lining	56				501370
*	Plate, Brake Shoe Cam	4				501371
*	Pin, Brake Shoe Cam Plate	4				501372
*	Bushing, Brake Shoe	4				501376
7	Spring, Brake Shoe	2				501373
8	Link, Brake Shoe	2				501374
9	Nut, Brake Shoe Link Bolt	2				218522
*	Cotterpin-Brake Shoe Link Bolt Nut	2				103374
10	Flange Assembly, Steering Knuckle Companion-R.H.	1				501333
	Flange Assembly, Steering Knuckle Companion-L.H.	1				501335
11	Pin, Brake Shoe Anchor	4				501377
12	Lockwasher, Brake Shoe Anchor Pin Nut	4				120350
13	Nut, Brake Shoe Anchor Pin	4				501378
14	Bolt, Brake Shoe Link	2				501375
15	Screw, Steering Knuckle Stop	2				501345
16	Nut, Jam	2				272120
17	Adjuster Assembly-Slack L.H. (7.21 Ratio Axle)	1				502242
	Adjuster Assembly-Slack R.H.(7.21 Ratio Axle)	1				502243
	Adjuster Assembly-Slack (7.2, 6.66, 6.17 Ratio Axle)	2				501402
18	Pin, Clevis	2				138080
*	Cotter Pin	2				108630
19	Camshaft-R.H.	1				501379
	Camshaft-L.H.	1				501380
*	Bushing, Camshaft	4				501382
20	Snap Ring, Camshaft	2				501381
21	Chamber-Brake Diaphragm R.H.	1				501403
	Chamber-Brake Diaphragm L.H.	1				501404
*	Yoke-Offset	2				122-12
*	Nut, Jam	2				114496
22	Shield, Dust (7.21 Ratio Axle) (Double Reduction Axle)	4				501383
22	Shield, Dust-Modified (7.2, 6.66, 6.17 Ratio Axle) (Single Reduction Axle)	1				37063
	Shield, Dust (7.2, 6.66, 6.17 Ratio Axle) (Single Reduction Axle)	2				501383-3
	*NOT ILLUSTRATED					

Air Brake-Ten Stud
Double Reduction Axle
Single Reduction Axle

ITEM	DESCRIPTION	QUANTITY A	B	C	D	PART NO.
	Shield, Dust (7.2, 6.66, 6.17 Ratio Axle) Single Reduction Axle	1				501383-5
*	Screw-Dust Shield Cap	12				501384
*	Washer- Dust Shield Capscrew	12				103321
22A	Shoulder Stud, RH	10				501232
	Shoulder Stud, LH	10				501233
*	Nut, Chamber Attaching	2				103028
*	Lockwasher, Chamber Attaching Nut	2				103323
*	Fitting-Grease-1/2 NPT	2				111296
	FOR SERVICE ORDER: Brake Relining Kit#37653 Consists of the following Items: Lining-Brake Shoe#501369 -(Qty. 4) Rivet-#501370 - (Qty. 56)					
*	NOT ILLUSTRATED PARTS					

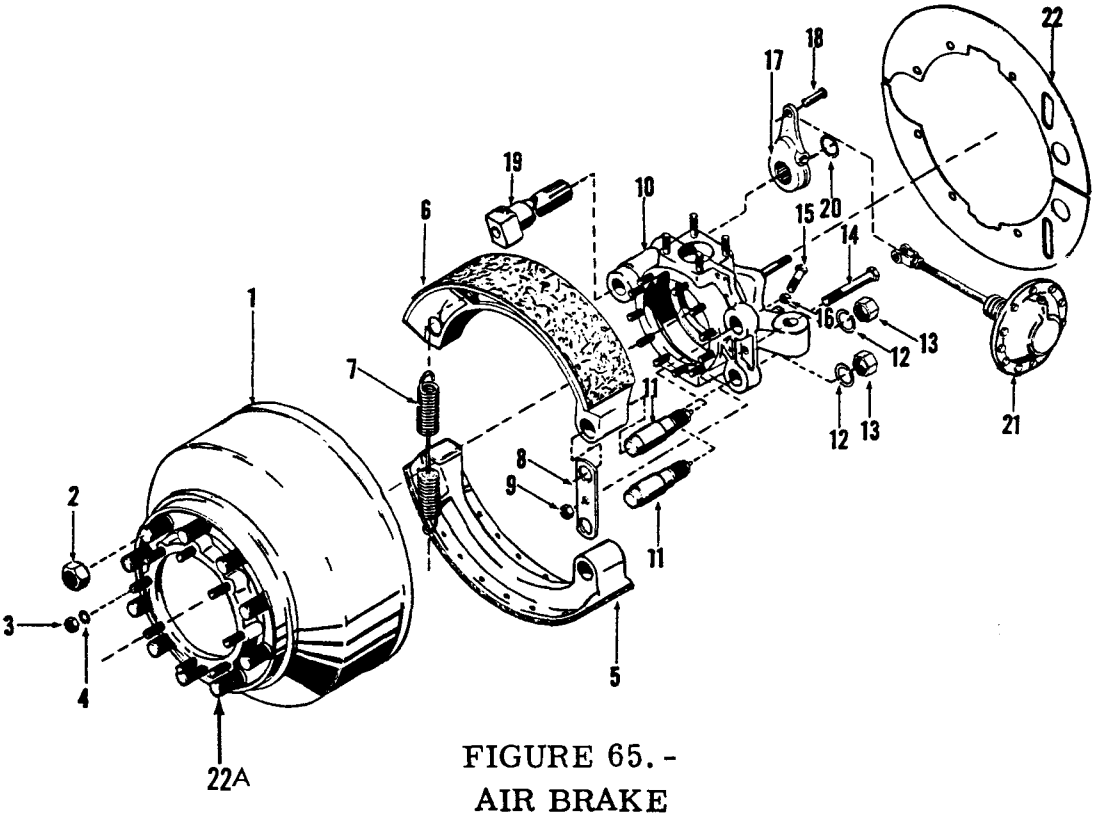
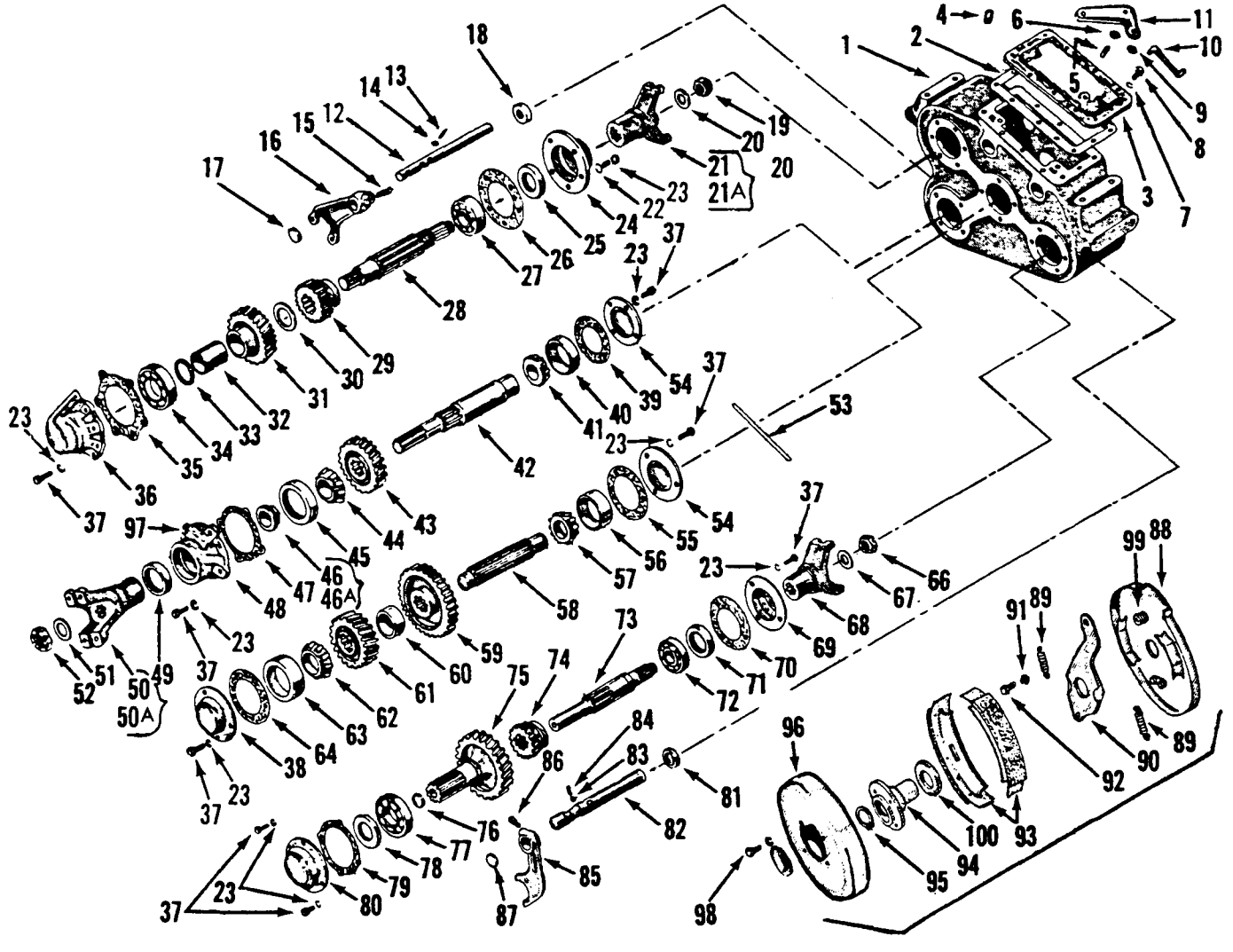


FIGURE 65. -
AIR BRAKE
TEN STUD

FIGURE 66.- T-223-C-1, C-2
TRANSFER CASE ASSEMBLY



A. - #133-52-C-2 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO

B. - #133-50-C-1 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO

C. - #133-52-C-2 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO

D. - #133-50-C-1 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO

E. - #133-52-C-2 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.66 TO 1 RATIO

F. - #133-50-C-1 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.66 TO 1 RATIO

G. - #37012-C-2 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO

H. - #37013-C-1 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO

ITEM	DESCRIPTION	QUANTITY								PART NO.
		A	B	C	D	E	F	G	H	
	T-223-C-1, C-2 TRANSFER CASE ASSEMBLY									
	C-2 Transfer case assembly w/out speedometer									
	parts w/6.17 to 1 ratio	1								133-52
	C-1 Transfer case assembly with speedometer parts									
	w/6.17 to 1 ratio		1							133-50
	C-2 Transfer case assembly w/out speedometer									
	parts w/7.17 to 1 ratio			1						133-52
	C-1 Transfer case assembly with speedometer parts									
	w/7.17 to 1 ratio				1					133-50
	C-2 Transfer case assembly w/out speedometer									
	parts w/6.66 to 1 ratio					1				133-52
	C-1 Transfer case assembly with speedometer parts									
	w/6.66 to 1 ratio						1			133-50
	Transfer case assembly w/out speedometer parts									
	w/7.17. 6.17 to 1 ratio							1		37012
	Transfer case assembly with speedometer parts									
	w/7.17, 6.17 to 1 ratio								1	37013
1	Case, Transfer	1	1	1	1	1	1	1	1	26-44
*	Dowel, Transfer case and cover	2	2	2	2	2	2	2	2	500916
2	Gasket, Top cover	2	2	2	2	2	2	2	2	16-40
3	Cover, Transfer case top	1	1	1	1	1	1	1	1	2-17
4	Breather, Oil	1	1	1	1	1	1	1	1	49-6
5	Pin, Brake	1	1	1	1	1	1	1	1	17-95
6	Washer, Bellcrank pin	1	1	1	1	1	1	1	1	131017
7	Lockwasher, Case Capscrew	50	50	50	50	50	50	50	50	103321
8	Capscrew, Top cover	10	10	10	10	10	10	10	10	34-64
9	Washer - 7/16"	2	2	2	2	2	2	2	2	120395
10	Link, Brake	1	1	1	1	1	1	1	1	47-211
11	Arm, Brake	1	1	1	1	1	1	1	1	141-144
*	Pin, Cotter - 13/32" x 7/8"	2	2	2	2	2	2	2	2	137168
*	Washer - 15/16"	2	2	2	2	2	2	2	2	502971
*	Pin, Cotter - 5/32" x 1 1/4"	1	1	1	1	1	1	1	1	137218
12	Shaft, Gear Shift	1	1	1	1	1	1	1	1	27-52

A. - #133-52-C-2 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO

B. - #133-50-C-1 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO

C. - #133-52-C-2 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO

D. - #133-50-C-1 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO

E. - #133-52-C-2 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.66 TO 1 RATIO

F. - #133-50-C-1 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.66 TO 1 RATIO

G. - #37012-C-2 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO

H. - #37013-C-1 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO

ITEM	DESCRIPTION	QUANTITY								PART NO.
		A	B	C	D	E	F	G	H	
13	Spring, Shift shaft lock	2	2	2	2	2	2	2	2	24-84
14	Ball, Shift shaft lock	2	2	2	2	2	2	2	2	500126
15	Lockscrew, Shift shaft	1	1	1	1	1	1	1	1	34-59
16	Fork, Gear shift	1	1	1	1	1	1	1	1	188-6
*	Lockwire, Fork	1	1	1	1	1	1	1	1	61-56
17	Plug, Expansion, Shift shaft hole	2	2	2	2	2	2	2	2	19-14
18	Seal, Oil	1	1	1	1	1	1	1	1	125-49
19	Nut, Input shaft	1	1	1	1	1	1	1	1	53-101
*	Cotterpin, Input shaft nut	1	1	1	1	1	1	1	1	103387
20	Washer, Input shaft	1	1	1	1	1	1	1	1	20-53
21	Yoke, Front, Input	1	1	1	1	1	1			45-5
21A	Flange, Front input (1480 series)							1	1	501707
22	Capscrew	40	40	40	40	40	40	40	40	34-63
23	Lockwasher	50	50	50	50	50	50	50	50	103321
24	Cap, Input shaft front	1	1	1	1	1	1	1	1	4-27
25	Seal, Oil	1	1	1	1	1	1	1	1	125-117
26	Shim, Input shaft bearing cap (.003)	2	2	2	2	2	2	2	2	22-109
	Shim, Input shaft bearing cap (.005)	6	6	6	6	6	6	6	6	22-110
	Shim, Input shaft bearing cap (.010)	1	1	1	1	1	1	1	1	22-105
27	Bearing, Input shaft front	1	1	1	1	1	1	1	1	501037
28	Shaft, Input	1	1	1	1	1	1	1	1	27-54
29	Gear, Low speed sliding (16 teeth)	1	1	1	1	1	1	1	1	26-61
30	Washer, Direct drive gear	1	1	1	1	1	1	1	1	20-55
31	Gear, Direct Drive (27 teeth)	1	1	1	1	1	1	1	1	26-59
32	Bushing, Direct drive gear	1	1	1	1	1	1	1	1	21-89
33	Washer, Input shaft rear bearing	1	1	1	1	1	1	1	1	20-54
34	Bearing, Input shaft rear	1	1	1	1	1	1	1	1	501036
35	Gasket, Input shaft rear cap	1	1	1	1	1	1	1	1	16-36
36	Cage, Input shaft rear bearing	1	1	1	1	1	1	1	1	4-20
37	Capscrew	40	40	40	40	40	40	40	40	34-63
38	Cap, Idler shaft rear bearing	1	1	1	1	1	1	1	1	4-81
39	Shim, rear output and idler (.003)	4	4	4	4	4	4	4	4	22-106
	Shim, Shaft front (.005)	12	12	12	12	12	12	12	12	22-107

A. - #133-52-C-2 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO

B. - #133-50-C-1 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO

C. - #133-52-C-2 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO

D. - #133-50-C-1 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO

E. - #133-52-C-2 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.66 TO 1 RATIO

F. - #133-50-C-1 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.66 TO 1 RATIO

G. - #37012-C-2 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO

H. - #37013-C-1 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO

ITEM	DESCRIPTION	QUANTITY								PART NO.
		A	B	C	D	E	F	G	H	
40	Cup - Rear output shaft forward bearing	1	1	1	1	1	1	1	1	166-10
41	Cone - Rear output shaft forward bearing	1	1	1	1	1	1	1	1	21-86
42	Shaft, Rear output	1	1	1	1	1	1	1	1	27-56
*	Seal, Oil, Rear output shaft	1	1	1	1	1	1	1	1	125-116
43	Gear, Rear output shaft (27 teeth)	1	1	1	1	1	1	1	1	26-58
44	Cone, Rear output shaft rear bearing	1	1	1	1	1	1	1	1	21-85
45	Cup, Rear output shaft rear bearing	1	1	1	1	1	1	1	1	166-9
46	Gear - Speedometer drive (4 teeth)		1		1		1		1	26-118
*	Bushing, Speedometer driven gear		1		1		1		1	30474
*	Spacer, Speedometer drive gear		1		1		1		1	22-232
	(Optional)									
46A	Gear - Speedometer driven (14 teeth)		1		1		1		1	26-64
	(Optional)									
*	Sleeve, Speedometer driven gear		1		1		1		1	63-87
47	Gasket, Rear output rear cap	1	1	1	1	1	1	1	1	16-37
48	Cap, Rear output shaft	1	1	1	1	1	1	1	1	4-29
49	Seal, Oil, Rear output shaft	1	1	1	1	1	1	1	1	125-116
50	Yoke, Rear output shaft - 1410 series	1	1	1	1	1	1			45-6
50A	Flange, Rear output shaft - 1480 series							1	1	501708
51	Washer, Rear output shaft	1	1	1	1	1	1	1	1	20-129
52	Nut, Rear output shaft	1	1	1	1	1	1	1	1	53-101
*	Cotterpin, Rear output shaft nut	1	1	1	1	1	1	1	1	103387
53	Pin, Shift shaft interlock	1	1	1	1	1	1	1	1	17-94
54	Cap, Idler & rear output front shaft	3	3	3	3	3	3	3	3	4-43
55	Shim, Bearing cap (.010)	2	2	2	2	2	2	2	2	22-108
56	Cup, Idler shaft bearing	1	1	1	1	1	1	1	1	166-11
57	Cone, Idler shaft bearing	1	1	1	1	1	1	1	1	21-87
58	Shaft, Idler	1	1	1	1	1	1	1	1	27-55
59	Gear, Low-speed (34 teeth)	1	1	1	1	1	1	1	1	26-62
60	Spacer, Idler shaft gear	1	1	1	1	1	1	1	1	22-111
61	Gear, Idler shaft (28 teeth)	1	1	1	1	1	1	1	1	26-56
62	Cone, Idler shaft	1	1	1	1	1	1	1	1	21-87
63	Cup, Idler shaft bearing	1	1	1	1	1	1	1	1	166-11
64	Gasket, Idler shaft rear cap	1	1	1	1	1	1	1	1	16-39

A. - #133-52-C-2 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO

B. - #133-50-C-1 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO

C. - #133-52-C-2 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO

D. - #133-50-C-1 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO

E. - #133-52-C-2 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.66 TO 1 RATIO

F. - #133-50-C-1 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.66 TO 1 RATIO

G. - #37012-C-2 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO

H. - #37013-C-1 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO

ITEM	DESCRIPTION	QUANTITY								PART NO.
		A	B	C	D	E	F	G	H	
66	Nut, Front output shaft	1	1	1	1	1	1	1	1	53-101
*	Cotterpin, Front output shaft nut	1	1	1	1	1	1	1	1	103387
67	Washer, front output shaft	1	1	1	1	1	1	1	1	20-53
68	Yoke, Front output (1410 series)	1	1	1	1	1	1	1	1	45-5
69	Cap, Front output shaft	1	1	1	1	1	1	1	1	4-31
70	Gasket, Front output forward cap	1	1	1	1	1	1	1	1	16-38
71	Seal, Oil, Front output shaft	1	1	1	1	1	1	1	1	125-115
72	Bearing, Front output shaft forward	1	1	1	1	1	1	1	1	21-83
73	Shaft, Front output	1	1	1	1	1	1	1	1	27-57
*	Snap Ring	1	1	1	1	1	1	1	1	501040
Note:	The 27-57 front output shaft has now been redesigned									
	elimating the use of this snap ring. However, the									
	old front output shaft still requires the use of this									
	snap ring as a service item.									
74	Clutch, Front output sliding	1	1	1	1	1	1	1	1	75-5
75	Gear, Front output shaft (27 teeth)	1	1	1	1	1	1	1	1	26-57
76	Plug, Front output shaft gear	1	1	1	1	1	1	1	1	19-15
77	Bearing, Front output shaft rear	1	1	1	1	1	1	1	1	21-84
78	Seal, Oil	1	1	1	1	1	1	1	1	125-52
79	Gasket, Front output rear cap	1	1	1	1	1	1	1	1	16-41
80	Cap, Front output shaft rear	1	1	1	1	1	1	1	1	4-25
81	Seal, Oil, Shift shaft	2	2	2	2	2	2	2	2	125-49
82	Shaft, Declutch shift	1	1	1	1	1	1	1	1	27-53
83	Ball, Shift shaft lock	2	2	2	2	2	2	2	2	500126
84	Spring, Shift shaft lock	2	2	2	2	2	2	2	2	24-84
85	Fork, Declutch shift	1	1	1	1	1	1	1	1	188-6
*	Lockwire, Fork	1	1	1	1	1	1	1	1	61-56
86	Lockscrew, shiftshaft	1	1	1	1	1	1	1	1	34-59
87	Plug, Oil filler and drain case	2	2	2	2	2	2	2	2	103869
88	Backing plate - brake	1	1	1	1	1	1	1	1	38-500
89	Return Spring	2	2	2	2	2	2	2	2	24-35
90	Lever, Operating cam	1	1	1	1	1	1	1	1	48-247
91	Lockwasher, Drum and brake	8	8	8	8	8	8	8	8	103322
92	Capscrew, Brake mounting	4	4	4	4	4	4	4	4	34-158
	Complete Brake Assembly	1	1	1	1	1	1	1	1	141-66
93	Brake shoe and lining assembly	2	2	2	2	2	2	2	2	146-7

A. - #133-52-C-2 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO

B. - #133-50-C-1 TRANSFER CASE ASS'Y WITH SPEEDOMETER PARTS 6.17 TO 1 RATIO

C. - #133-52-C-2 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO

D. - #133-50-C-1 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO

E. - #133-52-C-2 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.66 TO 1 RATIO

F. - #133-50-C-1 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.66 TO 1 RATIO

G. - #37012-C-2 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO

H. - #37013-C-1 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO

ITEM	DESCRIPTION	QUANTITY								PART NO.
		A	B	C	D	E	F	G	H	
	(Consists of following 3 items)									
	Shoe assembly	2	2	2	2	2	2	2	2	146-8
	Lining	2	2	2	2	2	2	2	2	123-15
	Rivet	20	20	20	20	20	20	20	20	126-7
94	Hub, Brake drum	1	1	1	1	1	1	1	1	132-102
*	Plug, Brake drum hub	1	1	1	1	1	1	1	1	19-54
*	Deflector, Oil, Brake drum hub	1	1	1	1	1	1	1	1	156-27
*	Deflector, Oil, Brake drum hub	1	1	1	1	1	1	1	1	156-26
*	Gasket, Oil, Brake deflector	1	1	1	1	1	1	1	1	16-136
*	Washer, Brake oil deflector	1	1	1	1	1	1	1	1	20-131
95	Ring, Brake drum hub snap	1	1	1	1	1	1	1	1	64-12
96	Brake drum	1	1	1	1	1	1	1	1	144-4
97	Plug, Speedometer driven gear hole	1		1		1		1		19-54
98	Capscrew, Brake drum	4	4	4	4	4	4	4	4	34-61
*	Lockwire, Brake drum capscrew	1	1	1	1	1	1	1	1	61-55
99	Roller	1	1	1	1	1	1	1	1	102-3
100	Seal, Oil	1	1	1	1	1	1	1	1	125-52
*	Cable, Speedometer		1		1		1		1	501655
	Note: The above cable requires an adapter. Choose									
	from the following according to tire size and rear									
	axle ratio which must be specified on order.									
*	Adapters required for the 133-50 T-223-C1 Transfer									
	Case Assembly - 6.17 to 1 ratio									
	Adapter, Speedometer (6.17 to 1 ratio)									
	(For 7.00 x 22.5 & 7.00 x 20 tires)		1							116-28
*	Adapter, speedometer - adapter not req'd. (for									
	8.00 x 22.5 & 7.50 x 20 tires)									- -
*	Adapter, speedometer (6.17 to 1 ratio)		1							116-30
	(For 9.00 x 22.5 & 8.25 x 20 tires)									
*	Adapter, speedometer (6.17 to 1 ratio)		1							116-31
	(For 10.00 x 22.5 & 9.00 x 20 tires)									
	Adapters required for the 133-50 T-223-C1 transfer									
	case assembly - 7.17 to 1 ratio									
*	Adapter, speedometer (7.17 to 1 ratio)				1					501608
	(For 7.00 x 22.5 & 7.00 x 20 tires)									
*	Adapter, speedometer (7.17 to 1 ratio)				1					501609

A. - #133-52-C-2 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO

B. - #133-50-C-1 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS 6.17 TO 1 RATIO

C. - #133-52-C-2 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO

D. - #133-50-C-1 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO

E. - #133-52-C-2 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.66 TO 1 RATIO

F. - #133-50-C-1 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.66 TO 1 RATIO

G. - #37012-C-2 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO

H. - #37013-C-1 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO

ITEM	DESCRIPTION	QUANTITY								PART NO.
		A	B	C	D	E	F	G	H	
	(For 8.00 x 22.5 & 7.50 x 20 tires)									
*	Adapter, speedometer (7.17 to 1 ratio				1					501888
	(For 9.00 x 22.5 & 8.25 x 20 tires)									
*	Adapter, speedometer (7.17 to 1 ratio)				1					116-28
	(For 10.00 x 22.5 & 9.00 x 20 tires)									
	Adapters required for the #133-50 T-223-C1									
	transfer case assembly - 6.66 to 1 ratio									
*	Adapter, speedometer (6.66 to 1 ratio)						1			16A4975
	(For 7.00 x 22.5 & 7.00 x 20 tires)									
*	Adapter, speedometer (6.66 to 1 ratio)						1			116-28
	(For 8.00 x 22.5 & 7.50 x 20 tires)									
	Adapters required for the #37013 T-223-C-1									
	transfer case assembly - 7.17 to 1 ratio									
*	Adapter, speedometer (7.17 to 1 ratio)								1	501608
	(For 7.00 x 22.5 & 7.00 x 20 tires)									
*	Adapter, speedometer (7.17 to 1 ratio)								1	501609
	(For 8.00 x 22.5 & 7.50 x 20 tires)									
*	Adapter, speedometer (7.17 to 1 ratio)								1	501610
	(For 9.00 x 22.5 & 8.25 x 20 tires)									
*	Adapter, speedometer (7.17 to 1 ratio)								1	116-28
	(For 10.00 x 22.5 & 9.00 x 20 tires)									
	Adapters required for the #37013 T-223-C1 transfer									
	case assembly - 6.17 to 1 ratio									
*	Adapter, speedometer (6.17 to 1 ratio)								1	116-28
	(For 7.00 x 22.5 & 7.00 x 20 tires)									
*	(For 8.00 x 22.5 & 7.50 x 20 tires) Adapter not								—	———
	required (6.17 to 1 ratio)									
*	Adapter, speedometer (6.17 to 1 ratio)								1	116-30
	(For 9.00 x 22.5 & 8.25 x 20 tires)									
*	Adapter, speedometer (6.17 to 1 ratio)								1	116-31
	(For 10.00 x 22.5 & 9.00 x 20 tires)									
*	Not Illustrated Items									
Note:	All two ton units shipped after Aug. 1, 1963, or serial									
	no. 70-110043 may be assumed to be T-223-C-3 or									

C-4 transfer cases. All transfer case assemblies are tagged and stamped if clarification is needed.

A. - #37583-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
B. - #37584-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
C. - #37583-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
D. - #37584-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
E. - #37707-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
F. - #37708-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
G. - #37707-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
H. - #37708-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
I. - #38741-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
J. - #38742-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
K. - #38741-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
L. - #38742-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO.

ITEM	DESCRIPTION	QUANTITY												PART NO.
		A	B	C	D	E	F	G	H	I	J	K	L	
	T-223-C-3, C-4 TRANSFER CASE													
	ASSEMBLY													
	C-3 Transfer case assembly w/out speed-	1												37583
	ometer parts - 7.17 to 1 ratio													
	C-4 Transfer case assembly with speed-		1											37584
	ometer parts - 7.17 to 1 ratio													
	C-3 Transfer case assembly w/out speed-			1										37583
	ometer parts - 6.17 to 1 ratio													
	C-4 Transfer case assembly with speed-				1									37584
	ometer parts - 6.17 to 1 ratio													
	C-3 Transfer case assembly w/out speed-					1								37707
	ometer parts - 7.17 to 1 ratio													
	C-4 Transfer case assembly with speed-						1							37708
	ometer parts - 7.17 to 1 ratio													
	C-3 Transfer case assembly w/out speed-							1						37707
	ometer parts - 6.17 to 1 ratio													
	C-4 Transfer case assembly with speed-								1					37708
	ometer parts - 6.17 to 1 ratio													
	C-3 Transfer case assembly w/out speed-									1				38741
	ometer parts - 7.17 to 1 ratio													
	C-4 Transfer case assembly with speed-										1			38742
	ometer parts - 7.17 to 1 ratio													
	C-3 Transfer case assembly w/out speed-											1		38741
	ometer parts - 6.17 to 1 ratio													
	C-4 Transfer case assembly with speed-												1	38742
	ometer parts - 6.17 to 1 ratio													
1	Case, Transfer	1												502340
	Case, Transfer		1											502344
1	Case, Transfer			1										502340
	Case, Transfer				1									502344
1	Case, Transfer					1	1							502344
1	Case, Transfer							1	1					502344

A. - #37583-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
B. - #37584-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
C. - #37583-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
D. - #37584-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
E. - #37707-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
F. - #37708-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
G. - #37707-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
H. - #37708-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
I. - #38741-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
J. - #38742-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
K. - #38741-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
L. - #38742-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO.

ITEM	DESCRIPTION	QUANTITY											PART NO.
		A	B	C	D	E	F	G	H	I	J	K	L	
	T-223-C-3, C-4 TRANSFER CASE													
	ASSEMBLY													
	C-3 Transfer case assembly w/out speed-	1												37583
	ometer parts - 7.17 to 1 ratio													
	C-4 Transfer case assembly with speed-		1											37584
	ometer parts - 7.17 to 1 ratio													
	C-3 Transfer case assembly w/out speed-			1										37583
	ometer parts - 6.17 to 1 ratio													
	C-4 Transfer case assembly with speed-				1									37584
	ometer parts - 6.17 to 1 ratio													
	C-3 Transfer case assembly w/out speed-					1								37707
	ometer parts - 7.17 to 1 ratio													
	C-4 Transfer case assembly with speed-						1							37708
	ometer parts - 7.17 to 1 ratio													
	C-3 Transfer case assembly w/out speed-							1						37707
	ometer parts - 6.17 to 1 ratio													
	C-4 Transfer case assembly with speed-								1					37708
	ometer parts - 6.17 to 1 ratio													
	C-3 Transfer case assembly w/out speed-									1				38741
	ometer parts - 7.17 to 1 ratio													
	C-4 Transfer case assembly with speed-										1			38742
	ometer parts - 7.17 to 1 ratio													
	C-3 Transfer case assembly w/out speed-											1		38741
	ometer parts - 6.17 to 1 ratio													
	C-4 Transfer case assembly with speed-												1	38742
	ometer parts - 6.17 to 1 ratio													
1	Case, Transfer	1												502340
	Case, Transfer		1											502344
1	Case, Transfer			1										502340
	Case, Transfer				1									502344
1	Case, Transfer					1	1							502344
1	Case, Transfer							1	1					502344

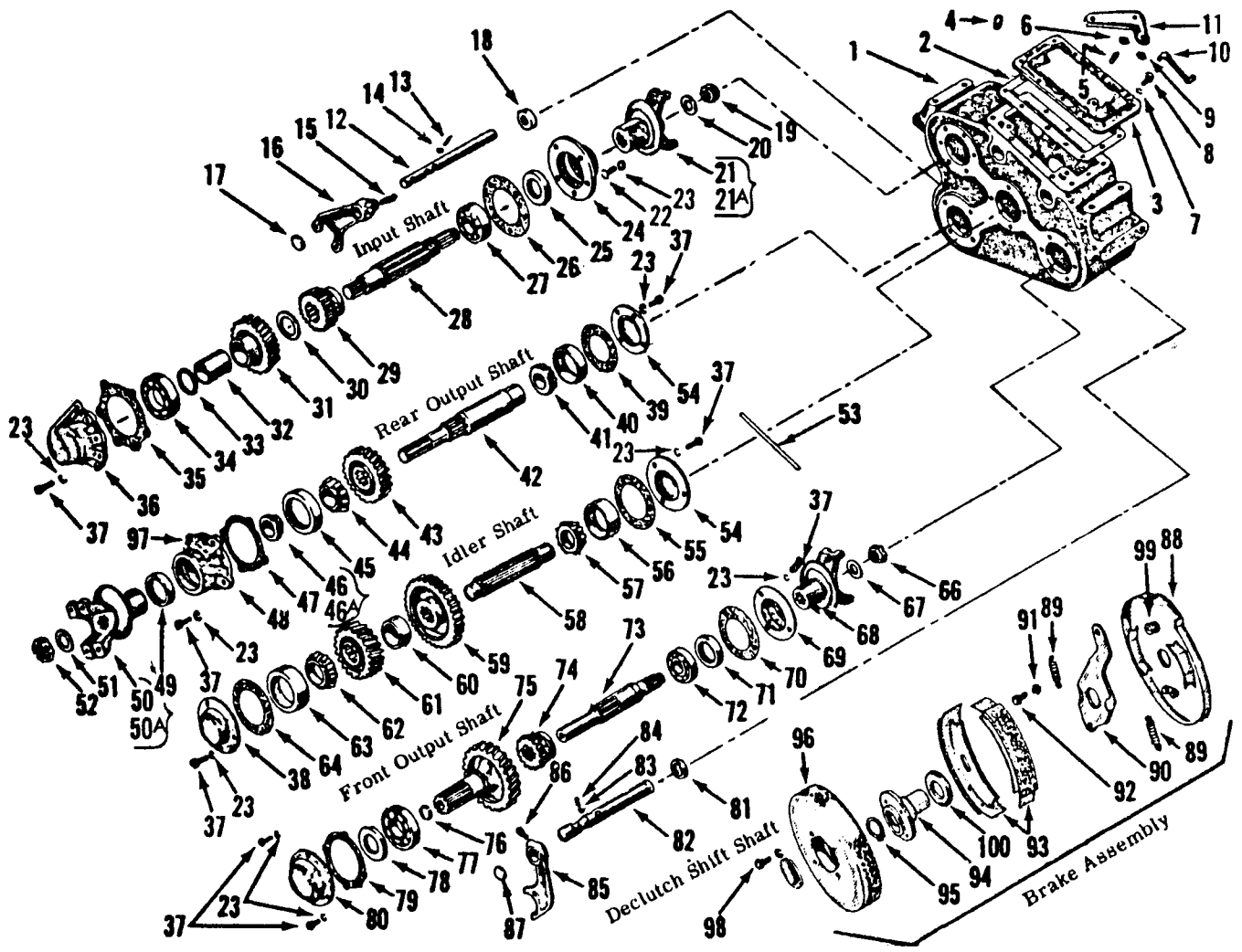


FIGURE 67. -T-223 C-3, C-4 TRANSFER CASE ASSEMBLY

A. - #37583-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
B. - #37584-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
C. - #37583-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
D. - #37584-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
E. - #37707-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
F. - #37708-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
G. - #37707-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
H. - #37708-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
I. - #38741-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
J. - #38742-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
K. - #38741-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
L. - #38742-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO.

ITEM	DESCRIPTION	QUANTITY												PART NO.
		A	B	C	D	E	F	G	H	I	J	K	L	
1	Case, Transfer									1	1			502344
1	Case, Transfer											1	1	502344
*	Dowel, Transfer case and cover	2	2	2	2	2	2	2	2	2	2	2	2	500916
2	Gasket, Top cover	1	1	1	1	1	1	1	1	1	1	1	1	16-40
3	Cover, Transfer case top	1	1	1	1	1	1	1	1	1	1	1	1	2-17
4	Breather, Oil	1	1	1	1	1	1	1	1	1	1	1	1	49-6
5	Pin, Brake	1	1	1	1	1	1	1	1	1	1	1	1	17-95
6	Washer, Bellcrank pin	1	1	1	1	1	1	1	1	1	1	1	1	131017
7	Lockwasher, Case capscrew	50	50	50	50	50	50	50	50	50	50	50	50	103321
8	Capscrew, Top cover	10	10	10	10	10	10	10	10	10	10	10	10	34-64
9	Washer - 7/16"	2	2	2	2	2	2	2	2	2	2	2	2	120395
10	Link, Brake					1	1	1	1	1	1	1	1	47-211
11	Arm, Brake					1	1	1	1	1	1	1	1	141-144
*	Pin, Cotter - 13/32" x 7/8"					2	2	2	2	2	2	2	2	137168
*	Washer - 15/16"					2	2	2	2	2	2	2	2	502971
*	Pin, Cotter - 5/32" x 1 1/4"					1	1	1	1	1	1	1	1	137218
*	Washer - 7/16"					2	2	2	2	2	2	2	2	120395
12	Shaft, Gear shift	1	1	1	1	1	1	1	1	1	1	1	1	27-52
13	Spring, Shift shaft lock	2	2	2	2	2	2	2	2	2	2	2	2	24-84
14	Ball, Shift shaft lock	2	2	2	2	2	2	2	2	2	2	2	2	500126
15	Lockscrew, Shift shaft	1	1	1	1	1	1	1	1	1	1	1	1	34-59
16	Fork, Hi-low shift	1	1	1	1	1	1	1	1	1	1	1	1	502341
*	Lockwire, Fork	1	1	1	1	1	1	1	1	1	1	1	1	61-56
17	Plug, Expansion, shift shaft hole	2	2	2	2	2	2	2	2	2	2	2	2	19-14
18	Seal, Oil	1	1	1	1	1	1	1	1	1	1	1	1	125-49
19	Nut, Input shaft	1	1	1	1	1	1	1	1	1	1	1	1	53-101
*	Cotterpin, Input shaft nut	1	1	1	1	1	1	1	1	1	1	1	1	103387
20	Washer, Input shaft	1	1	1	1	1	1	1	1	1	1	1	1	20-53
21	End yoke and slinger assembly					1	1	1	1					37734
	Yoke, Input (1410 series)	1	1	1	1	1	1	1	1					45-5
	Slinger					1	1	1	1					37730
21A	Companion flange, input (1480 series)									1	1	1	1	501707
22	Capscrew	40	40	40	40	40	40	40	40	40	40	40	40	34-63
23	Lockwasher	50	50	50	50	50	50	50	50	50	50	50	50	103321
24	Cap, Input shaft front	1	1	1	1	1	1	1	1	1	1	1	1	4-27

A. - #37583-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
B. - #37584-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
C. - #37583-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
D. - #37584-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
E. - #37707-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
F. - #37708-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
G. - #37707-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
H. - #37708-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
I. - #38741-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
J. - #38742-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
K. - #38741-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
L. - #38742-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO.

ITEM	DESCRIPTION	QUANTITY												PART NO.
		A	B	C	D	E	F	G	H	I	J	K	L	
25	Seal, Oil	1	1	1	1	1	1	1	1	1	1	1	1	125-117
26	Shim, Input shaft bearing cap (.003)	2	2	2	2	2	2	2	2	2	2	2	2	22-109
	Shim, Input shaft bearing cap (.005)	6	6	6	6	6	6	6	6	6	6	6	6	22-110
	Shim, Input shaft bearing cap (.010)	1	1	1	1	1	1	1	1	1	1	1	1	22-105
27	Bearing, Input shaft front	1	1	1	1	1	1	1	1	1	1	1	1	501037
28	Shaft, Input	1	1	1	1	1	1	1	1	1	1	1	1	502342
29	Gear, Low speed sliding (16 teeth)	1	1	1	1	1	1	1	1	1	1	1	1	502343
30	Washer, Direct drive gear	1	1	1	1	1	1	1	1	1	1	1	1	20-55
31	Gear, Direct drive (27 teeth)	1	1	1	1	1	1	1	1	1	1	1	1	26-59
32	Bushing, Direct drive gear	1	1	1	1	1	1	1	1	1	1	1	1	21-89
33	Washer, Input shaft rear bearing	1	1	1	1	1	1	1	1	1	1	1	1	20-54
34	Bearing, Input shaft rear	1	1	1	1	1	1	1	1	1	1	1	1	501036
35	Gasket, Input shaft rear cap	1	1	1	1	1	1	1	1	1	1	1	1	16-36
36	Cage, Input shaft rear bearing	1	1	1	1	1	1	1	1	1	1	1	1	4-20
37	Capscrew	40	40	40	40	40	40	40	40	40	40	40	40	34-63
38	Cap, Idler Shaft rear bearing	1	1	1	1	1	1	1	1	1	1	1	1	4-81
39	Shim, rear output and idler (.003)	4	4	4	4	4	4	4	4	4	4	4	4	22-106
	Shim, shaft front (.005)	12	12	12	12	12	12	12	12	12	12	12	12	22-107
40	Cup - rear output shaft forward bearing	1	1	1	1	1	1	1	1	1	1	1	1	166-10
41	Cone, rear output shaft forward bearing	1	1	1	1	1	1	1	1	1	1	1	1	21-86
42	Shaft, rear output	1	1	1	1	1	1	1	1	1	1	1	1	27-56
*	Seal, Oil, rear output shaft	1	1	1	1	1	1	1	1	1	1	1	1	125-116
43	Gear, rear output shaft (27 teeth)	1	1	1	1	1	1	1	1	1	1	1	1	26-58
44	Cone, rear output shaft rear bearing	1	1	1	1	1	1	1	1	1	1	1	1	21-85
45	Cup, rear output shaft rear bearing	1	1	1	1	1	1	1	1	1	1	1	1	166-9
46	Gear, speedometer drive (4 teeth)		1		1		1		1		1		1	26-118
	(Basic part of T-223 transfer case)													
*	Bushing, speedometer driven gear		1		1		1		1		1		1	30474
*	Spacer, speedometer drive gear		1		1		1		1		1		1	22-232
	(Optional)													
46A	Gear, speedometer driven (14 teeth)		1		1		1		1		1		1	26-64
	(Optional)													
*	Sleeve, speedometer driven gear		1		1		1		1		1		1	63-87
47	Gasket, Rear output rear cap	1	1	1	1	1	1	1	1	1	1	1	1	16-37
48	Cap, Rear output shaft	1	1	1	1	1	1	1	1	1	1	1	1	4-29
49	Seal, Oil, rear output shaft	1	1	1	1	1	1	1	1	1	1	1	1	502832
50	End yoke and slinger assembly					1	1	1	1					37735

A. - #37583-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS – 7.17 TO 1 RATIO.
B. - #37584-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
C. - #37583-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
D. - #37584-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
E. - #37707-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
F. - #37708-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
G. - #37707-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
H. - #37708-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
I. - #38741-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
J. - #38742-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
K. - #38741-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
L. - #38742-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO.

ITEM	DESCRIPTION	QUANTITY												PART NO.
		A	B	C	D	E	F	G	H	I	J	K	L	
	Yoke, rear output shaft (1410 series)	1	1	1	1	1	1	1	1					45-6
	Slinger					1	1	1	1					37731
50A	Companion flange, rear output (1480 series)									1	1	1	1	501708
51	Washer, rear output shaft	1	1	1	1	1	1	1	1	1	1	1	1	20-129
52	Nut, Rear output shaft	1	1	1	1	1	1	1	1	1	1	1	1	53-101
*	Cotterpin, rear output shaft nut	1	1	1	1	1	1	1	1	1	1	1	1	103387
53	Pin, shift shaft interlock	1	1	1	1	1	1	1	1	1	1	1	1	17-94
54	Cap, Idler & Rear Output Front Shaft	2	2	2	2	2	2	2	2	2	2	2	2	4-43
55	Shim, Bearing Cap (.010)	2	2	2	2	2	2	2	2	2	2	2	2	22-108
56	Cup, Idler Shaft Bearing Cap	1	1	1	1	1	1	1	1	1	1	1	1	166-11
57	Cone, Idler Shaft Bearing	1	1	1	1	1	1	1	1	1	1	1	1	21-87
58	Shaft, Idler	1	1	1	1	1	1	1	1	1	1	1	1	27-55
59	Gear, Low Speed (34 Teeth)	1	1	1	1	1	1	1	1	1	1	1	1	26-62
60	Spacer, Idler Shaft Gear	1	1	1	1	1	1	1	1	1	1	1	1	22-111
61	Gear, Idler Shaft (28 teeth)	1	1	1	1	1	1	1	1	1	1	1	1	26-56
62	Cone, Idler Shaft	1	1	1	1	1	1	1	1	1	1	1	1	21-87
63	Cup, Idler Shaft Bearing	1	1	1	1	1	1	1	1	1	1	1	1	166-11
64	Gasket, Idler Shaft Rear Cap	1	1	1	1	1	1	1	1	1	1	1	1	16-39
66	Nut, Front Output Shaft	1	1	1	1	1	1	1	1	1	1	1	1	53-101
*	Cotterpin, Front Output Shaft Nut	1	1	1	1	1	1	1	1	1	1	1	1	103387
67	Washer, Front Output Shaft	1	1	1	1	1	1	1	1	1	1	1	1	20-53
68	End Yoke and Slinger Assembly					1	1	1	1	1	1	1	1	37734
	Yoke, Front Output (1410 series)	1	1	1	1	1	1	1	1	1	1	1	1	45-5
	Slinger					1	1	1	1	1	1	1	1	37730
69	Cap, Front Output Shaft	1	1	1	1	1	1	1	1	1	1	1	1	4-31
70	Gasket, Front Output Forward Shaft	1	1	1	1	1	1	1	1	1	1	1	1	16-38
71	Seal, Oil, Front Output Shaft	1	1	1	1	1	1	1	1	1	1	1	1	125-115
72	Bearing, Front Output Shaft Forward	1	1	1	1	1	1	1	1	1	1	1	1	21-83
73	Shaft, Front Output	1	1	1	1	1	1	1	1	1	1	1	1	27-57
*	Snap Ring	1	1	1	1	1	1	1	1	1	1	1	1	501040
Note:	The 27-57 front output shaft has now been													
	redesigned, eliminating the use of this snap													
	ring. However, the Old Front Output Shaft													
	still requires the use of this Snap Ring as a													
	service item.													
74	Clutch, Front Output Sliding	1	1	1	1	1	1	1	1	1	1	1	1	75-5
75	Gear, Front Output Shaft (27 teeth)	1	1	1	1	1	1	1	1	1	1	1	1	26-57

A. - #37583-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
B. - #37584-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
C. - #37583-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
D. - #37584-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
E. - #37707-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
F. - #37708-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
G. - #37707-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
H. - #37708-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
I. - #38741-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
J. - #38742-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
K. - #38741-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
L. - #38742-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO.

ITEM	DESCRIPTION	QUANTITY												PART NO.
		A	B	C	D	E	F	G	H	I	J	K	L	
76	Plug, Front Output Shaft Gear	1	1	1	1	1	1	1	1	1	1	1	1	19-15
77	Bearing, Front Output Shaft Rear	1	1	1	1	1	1	1	1	1	1	1	1	21-84
78	Seal, Oil	1	1	1	1	1	1	1	1	1	1	1	1	125-52
79	Gasket, Front Output Rear Cap	1	1	1	1	1	1	1	1	1	1	1	1	16-41
80	Cap, Front Output Shaft Rear	1	1	1	1	1	1	1	1	1	1	1	1	4-25
81	Seal, Oil, Shift Shaft	1	1	1	1	1	1	1	1	1	1	1	1	125-49
82	Shaft, Declutch Shift	1	1	1	1	1	1	1	1	1	1	1	1	27-53
83	Ball, Shift Shaft Lock	2	2	2	2	2	2	2	2	2	2	2	2	500126
84	Spring, Shift Shaft Lock	2	2	2	2	2	2	2	2	2	2	2	2	24-84
85	Fork, Declutch Shift	1	1	1	1	1	1	1	1	1	1	1	1	188-6
*	Lockwire, Fork	1	1	1	1	1	1	1	1	1	1	1	1	61-56
86	Lockscrew, Shift Shaft	1	1	1	1	1	1	1	1	1	1	1	1	34-59
87	Plug, Oil Filler and Drain Case	2	2	2	2	2	2	2	2	2	2	2	2	103869
88	Backing Plate, Brake	1	1	1	1	1	1	1	1	1	1	1	1	38-500
89	Return Spring	2	2	2	2	2	2	2	2	2	2	2	2	24-35
90	Lever, Operating Cam	1	1	1	1	1	1	1	1	1	1	1	1	48-247
91	Lockwasher, Drum and Brake	8	8	8	8	8	8	8	8	8	8	8	8	103322
92	Capscrew, Brake Mounting	4	4	4	4	4	4	4	4	4	4	4	4	34-158
	Complete Brake Assembly	1	1	1	1	1	1	1	1	1	1	1	1	141-166
93	Brake Shoe and Lining Assembly	2	2	2	2	2	2	2	2	2	2	2	2	146-7
	(Consists of Following 3 Items)													
	Shoe Assembly	2	2	2	2	2	2	2	2	2	2	2	2	146-8
	Lining	2	2	2	2	2	2	2	2	2	2	2	2	123-15
	Rivet	20	20	20	20	20	20	20	20	20	20	20	20	126-7
94	Hub, Brake Drum	1	1	1	1	1	1	1	1	1	1	1	1	132-102
*	Plug, Brake Drum Hub	1	1	1	1	1	1	1	1	1	1	1	1	19-54
*	Deflector, Oil, Brake Drum Hub	1	1	1	1	1	1	1	1	1	1	1	1	156-27
*	Deflector, Oil, Brake Drum Hub	1	1	1	1	1	1	1	1	1	1	1	1	156-26
*	Gasket, Oil, Brake Deflector	1	1	1	1	1	1	1	1	1	1	1	1	16-136
*	Washer, Brake Oil Deflector	1	1	1	1	1	1	1	1	1	1	1	1	20-131
95	Ring, Brake Drum Hub Snap	1	1	1	1	1	1	1	1	1	1	1	1	64-12
96	Brake Drum	1	1	1	1	1	1	1	1	1	1	1	1	144-4
97	Plug, Speedometer Driven Gear Hole	1		1		1		1		1		1		19-54
98	Capscrew, Brake Drum	4	4	4	4	4	4	4	4	4	4	4	4	34-61
*	Lockwire, Brake Drum Capscrew	1	1	1	1	1	1	1	1	1	1	1	1	61-55
99	Roller	1	1	1	1	1	1	1	1	1	1	1	1	102-3
100	Seal, Oil	1	1	1	1	1	1	1	1	1	1	1	1	125-52
	Cable-Speedometer		1		1		1		1		1		1	501655

A. - #37583-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
B. - #37584-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
C. - #37583-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
D. - #37584-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
E. - #37707-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
F. - #37708-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
G. - #37707-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
H. - #37708-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
I. - #38741-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
J. - #38742-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
K. - #38741-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
L. - #38742-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO.

ITEM	DESCRIPTION	QUANTITY												PART NO.
		A	B	C	D	E	F	G	H	I	J	K	L	
Note:	The cable on the preceeding page requires an adapter. Choose from the following according to tire size & rear axle ratio which must be specified on order.													
	Adapters required for the #37584 transfer case assembly - 7.17 to 1 ratio													
*	Adapter, speedometer - 7.17 to 1 ratio (For 7.00 x 22.5 & 7.00 x 20 tires)		1											501608
*	Adapter, Speedometer - 7.17 to 1 ratio (For 8.00 x 22.5 & 7.50 x 20 tires)		1											501609
*	Adapter, speedometer - 7.17 to 1 ratio (For 9.00 x 22.5 & 8.25 x 20 tires)		1											501888
*	Adapter, speedometer - 7.17 to 1 ratio (For 10.00 x 22.5 & 9.00 x 20 tires)		1											116-28
	Adapters required for #37584 transfer case assembly - 6.17 to 1 rear axle ratio													
*	Adapter, speedometer - 6.17 to 1 rear axle ratio (For 7.00 x 22.5 & 7.00 x 20 tires)				1									116-28
*	Adapter, speedometer - not required (For 8.00 x 22.5 & 7.50 x 20 tires)				—									———
*	Adapter, speedometer - 6.17 to 1 rear axle ratio (For 9.00 x 22.5 & 8.25 x 20 tires)				1									116-30
*	Adapter, speedometer - 6.17 to 1 rear axle ratio (For 10.00 x 22.5 & 9.00 x 20 tires)				1									116-31
	Adapters required for #37708 transfer case assembly - 7.17 to 1 rear axle ratio.													
*	Adapter, speedometer - 7.17 to 1 rear axle ratio (For 7.00 x 22.5 & 7.00 x 20 tires)						1							501608
*	Adapter, speedometer - 7.17 to 1 rear axle ratio						1							501609

A. - #37583-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
B. - #37584-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
C. - #37583-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
D. - #37584-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
E. - #37707-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
F. - #37708-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
G. - #37707-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
H. - #37708-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
I. - #38741-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
J. - #38742-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 7.17 TO 1 RATIO.
K. - #38741-C-3 TRANSFER CASE ASS'Y. W/OUT SPEEDOMETER PARTS - 6.17 TO 1 RATIO.
L. - #38742-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO.

ITEM	DESCRIPTION	QUANTITY												PART NO.
		A	B	C	D	E	F	G	H	I	J	K	L	
	(For 8.00 x 22.5 & 7.50 x 20 tires)													
*	Adapter, speedometer - 7.17 to 1 rear axle													
	ratio						1							501888
	(For 9.00 x 22.5 & 8.25 x 20 tires)													
*	Adapter, speedometer - 7.17 to 1 rear axle													
	ratio						1							116-28
	(For 10.00 x 22.5 & 9.00 x 20 tires)													
	Adapters required for #37708 transfer case assembly - 6.17 to 1 rear axle ratio.													
*	Adapter, speedometer - 6.17 to 1 rear axle													
	ratio								1					116-28
	(For 7.00 x 22.5 & 7.00 x 20 tires)													
*	Adapter, speedometer - 6.17 to 1 rear axle													
	ratio								—					———
	(Adapter not required for 8.00 x 22.5 & 7.50													
	x 20 tires)													
*	Adapter, speedometer - 6.17 to 1 rear axle													
	ratio.								1					116-30
	(For 9.00 x 22.5 & 8.25 x 20 tires)													
*	Adapter, speedometer - 6.17 to 1 rear axle													
	ratio								1					116-31
	(For 10.00 x 22.5 & 9.00 x 20 tires)													
	Adapters required for #38742 transfer case assembly - 7.17 to 1 rear axle ratio													
*	Adapter, speedometer - 7.17 to 1 rear axle													
	ratio.										1			501608
	(For 7.00 x 22.5 & 7.00 x 20 tires)													
*	Adapter, speedometer - 7.17 to 1 rear axle													
	ratio										1			501609
	(For 8.00 x 22.5 & 7.50 x 20 tires)													
*	Adapter, speedometer - 7.17 to 1 rear axle													
	ratio										1			501888
	(For 9.00 x 22.5 & 8.25 x 20 tires)													
*	Adapter, speedometer - 7.17 to 1 rear axle													
	ratio										1			116-28
	(For 10.00 x 22.5 & 9.00 x 20 tires)													

ITEM	DESCRIPTION	QUANTITY L. - #38742-C-4 TRANSFER CASE ASS'Y. WITH SPEEDOMETER PARTS - 6.17 TO 1 RATIO.	PART NO.
	Adapters required for #38742 transfer case assembly - 6.17 to 1 rear axle ratio		
*	Adapter, speedometer - 6.17 to 1 rear axle ratio (For 7.00 x 22.5 & 7.00 x 20 tires)	1	116-28
*	Adapter, speedometer - 6.17 to 1 rear axle ratio (Adapter not required for 8.00 x 22.5 & 7.50 x 20 tires)	—	———
*	Adapter, speedometer - 6.17 to 1 rear axle ratio (For 9.00 x 22.5 x 20 tires)	1	116-30
*	Adapter, speedometer - 6.17 to 1 rear axle ratio (For 10.00 x 22.5 & 9.00 x 20 tires)	1	116-31
*	Not Illustrated Items		
Note:	All two ton units shipped after August 1, 1963 or serial No. 70-110043 may be assumed to be T-223-C-3 or C-4 transfer cases. All transfer case assemblies are tagged and stamped if clarification is needed.		

#230-50 BEARING SET - Consists of the following items:

Page 109

Item 27 - Bearing, Input Shaft Front, #501037 (1 Qty)
Item 34 - Bearing, Input Shaft Rear, #501036 (1 Qty)
Item 40 - Cup, Rear Output Shaft Forward Bearing, #166-10 (1 Qty)
Item 41 - Cone, Rear Output Shaft Forward Bearing, #21-86 (1 Qty)
Item 44 - Cone, Rear Output Shaft Rear Bearing, #21-85 (1 Qty)
Item 45 - Cup, Rear Output Shaft Rear Bearing, #166-9 (1 Qty)

Page 110

Item 56 - Cup, Idler Shaft Bearing Cap, #166-11 (1 Qty)
Item 57 - Cone, Idler Shaft Bearing Cap, #21-87 (1 Qty)
Item 62 - Cone, Idler Shaft Bearing, #21-87 (1 Qty)
Item 63 - Cup, Idler Shaft Bearing, #166-11 (1 Qty)
Item 72 - Bearing, Front Output Shaft Forward #21-83 (1 Qty)

Page 111

Item 77 - Bearing, Front Output Shaft Rear #21-84 (1 Qty)

#230-30 GASKET SET - Consists of the following items:

Page 108

Item 2 - Gasket, Top Cover, #16-40 (Qty 1)

Page 109

Item 35 - Gasket, Input Shaft Rear Cap, #16-36 (Qty 1)
Item 47 - Gasket, Rear Output Rear Cap, #16-37 (Qty 1)

Page 110

Item 64 - Gasket, Idler Shaft Rear Cap, #16-39 (Qty 1)
Item 70 - Gasket, Front Output Forward Shaft #16-38 (Qty 1)

Page 111

Item 79 - Gasket, Front Output Rear Cap, #16-41 (Qty 1)
* - Gasket, Oil, Brake Deflector #16-136 (Qty 1)

#230-60 SHIM SET - Consists of the following items:

Page 109

Item 26 - Shim, Input Shaft Bearing Cap (.003) #22-109 (2 Qty)
- Shim, Input Shaft Bearing Cap (.005) #22-110 (6 Qty)
- Shim, Input Shaft Bearing Cap (.010) #22-105 (1 Qty)
Item 39 - Shim, Rear Output and Idler (.003) #22-106, (4 Qty)
- Shim, Shaft Front (.005) #22-107 (12 Qty)

Page 110

Item 55 - Shim, Bearing Cap (.010) #22-108 (2 Qty)

#39192- SEAL SET - Consists of the following items:

Page 108

Item 18, Seal, Oil, Part #125-49 Qty 1

Page 109-

Item 25 - Seal, Oil, Part #125-117 Qty 1
* - Seal, Oil, Rear Output Shaft Part #125-116, Qty 1
Item 49 - Seal, Oil, Rear Output Shaft Part #502832 Qty 1

Page 110

Item 71 - Seal, Oil, Front Output Shaft Part #125-115 Qty 1

Page 111-

Item 78 - Seal, Oil Part #125-52 Qty 1
Item 81 - Seal, Oil, Shift Shaft Part #125-49, Qty 1
Item 100 - Seal, Oil Part #125-52 Qty 1

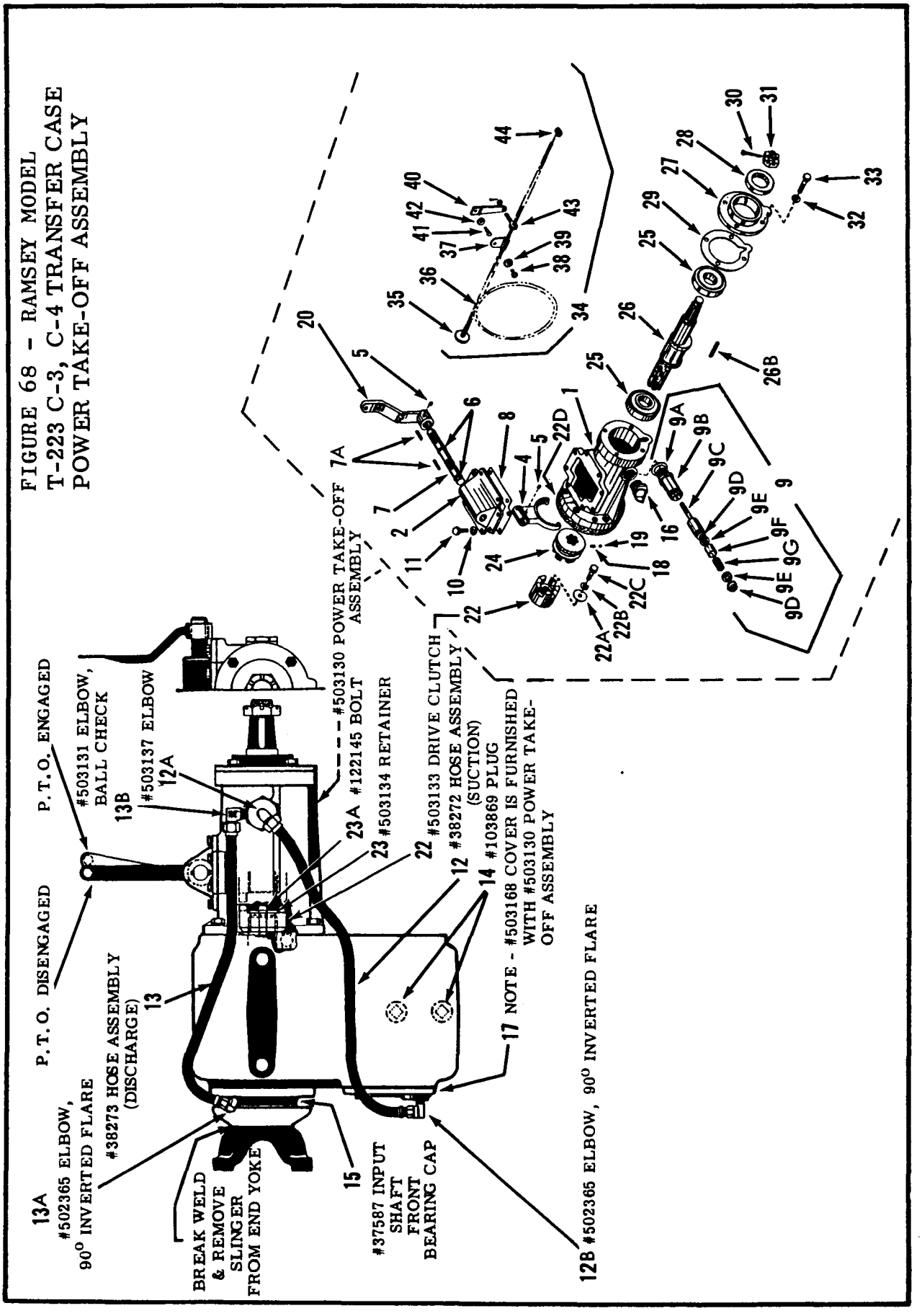


FIGURE 68 - RAMSEY MODEL
T-223 C-3, C-4 TRANSFER CASE
POWER TAKE-OFF ASSEMBLY
P.T.O. ENGAGED
P.T.O. DISENGAGED
13A #502365 ELBOW, 90° INVERTED FLARE
#503131 ELBOW, BALL CHECK
#503137 ELBOW
12A
13B
#38273 HOSE ASSEMBLY (DISCHARGE)
13
BREAK WELD & REMOVE SLINGER FROM END YOKE
15 #37587 INPUT SHAFT FRONT BEARING CAP
12B #502365 ELBOW, 90° INVERTED FLARE
17 NOTE - #503168 COVER IS FURNISHED WITH #503130 POWER TAKE-OFF ASSEMBLY
14 #103869 PLUG
12 #38272 HOSE ASSEMBLY (SUCTION)
22 #503133 DRIVE CLUTCH
23 #503134 RETAINER
23A #122145 BOLT
#503130 POWER TAKE-OFF ASSEMBLY
20
5
6
7A
7
2
11
10
22
8
4
5
24
22D
1
25
26
26B
9A
9B
9C
9D
9E
9F
9G
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22C
22B
22A
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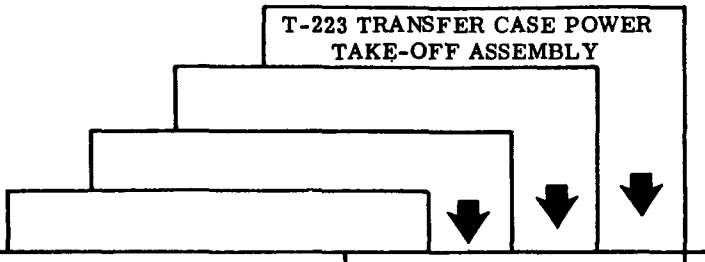
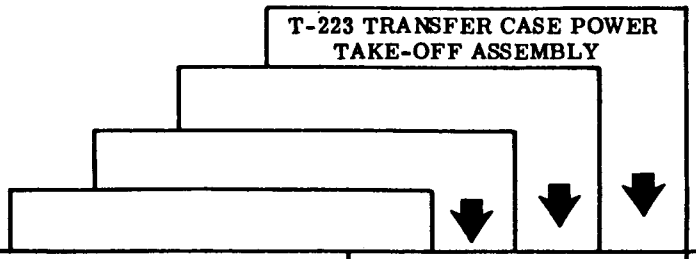
(RAMSEY MODEL)
T-223 C-3, C-4 TRANSFER CASE
POWER TAKE-OFF ASSEMBLY



ITEM	DESCRIPTION	QUANTITY				PART NO.
		A	B	C	D	
	T-223 TRANSFER CASE POWER TAKE-OFF ASSEMBLY (RAMSEY MODEL)					
	Complete Power Take-Off Assy. W/Out Oil Pump Assembly				1	503235
	Complete Power Take-Off Assy. With Oil Pump Assembly				1	503130
1	Carrier Case				1	503898
2	Housing				1	503899
4	Yoke				1	503900
5	Screw				2	503901
6	"O" Ring				2	503902
7	Shaft, Shift				1	503904
7A	Key				2	503903
8	Gasket				1	503905
9	Oil Pump Assembly				1	503906
9A	Gasket				2	503907
9B	Pump Body				1	503908
9C	Piston				1	503909
9D	Gasket				2	503910
9E	Valve				2	503911
9F	Spacer				1	503912
9G	Spring				1	503913
10	Lockwasher				8	503914
11	Screw				8	503915
12	Hose Assembly - Suction				1	38272
*	Hose				1	502347
*	Fitting, Female				1	503132
*	Fitting, Male, Swivel, Inverted Flare				1	502348
12A	Elbow				1	503137
12B	Elbow				1	502365
13	Hose Assembly - Discharge				1	38273
*	Hose				1	502347
*	Fitting, Inverted Flare Female				2	503132
*	Fitting, Male, Swivel, Inverted Flare				1	502348
13A	Elbow, Female				1	502365
13B	Elbow, Ball Check				1	503131
14	Plug				2	103869
15	Cover, Front Bearing Input Shaft				1	37587
16	Cap				1	503916
17	Cover - Note: P/N 503168 Is Furnished With Power Take-Off Assembly				1	503168
18	Spring				1	503917
19	Ball				1	503918
20	Lever				1	503919
22	Drive Clutch				1	503133
22A	Flat Washer				1	503134

(RAMSEY MODEL)
T-223 C-3, C-4 TRANSFER CASE
POWER TAKE-OFF ASSEMBLY



ITEM	DESCRIPTION	QUANTITY A	QUANTITY B	QUANTITY C	QUANTITY D	PART NO.
22B	Lockwasher				1	503920
22C	Screw				1	503921
22D	Gasket				2	503135
23	Retainer				1	503134
23A	Bolt				3	122145
24	Clutch, Sliding				1	503922
25	Bearing				2	503923
26	Shaft, P.T.O.				1	503924
26B	Key				1	503925
27	Cap				1	503926
28	Seal				1	503927
29	Gasket				1	503928
30	Cotter Pin				1	503929
31	Nut				1	503930
32	Lockwasher				1	503931
33	Screw				1	503932
34	Wire Control Cable Assembly (Optional)				1	503230
35	Knob				1	503933
36	Cable Control				1	503934
37	Clamp				1	503935
38	Screw				1	503936
39	Lockwasher				1	503937
40	Bracket				1	503938
41	Screw				1	503932
42	Lockwasher				1	503931
43	Eye Bolt				1	503939
44	Pivot Pin				1	503940
*	Not Illustrated Items					
	#39139 GASKET SET - CONSISTS OF THE FOLLOWING ITEMS:					
	Page 116,					
	Item 8 - Gasket Carrier Case, #503905(Qty 1)					
	Item 9A - Gasket, Oil Pump Assembly #503907 (Qty 2)					
	Item 9D - Gasket, Oil Pump Assembly, #503910 (Qty 2)					
	Page 117,					
	Item 22D - Gasket, Power Take-Off To Transfer Case Opening (Qty 2)					
	Item 29 - Gasket, Power Take-Off Cap, #503928 (Qty 1)					

T-223 TRANSFER CASE-POWER TAKE-OFF ASSEMBLY - TIMKEN MODEL.

T-223 POWER TAKE-OFF ASSEMBLY WITH #502863 (LATER MODEL) CHECK VALVE ASSEMBLY

T-223 POWER TAKE-OFF ASSEMBLY WITH #37524 (EARLIER MODEL) CHECK VALVE ASSEMBLY

ITEM	DESCRIPTION	QUANTITY				PART NO.
		A	B	C	D	
	POWER TAKE-OFF ASSEMBLY WITH PUMP			1	1	502350
	(TIMKEN MODEL) (Illustration - Page 121)					
	CARRIER AND BEARING CUP ASSEMBLY			1	1	502360
1	Carrier, P.T.O. Shaft Bearing			1	1	502363
*	Plug, P.T.O. Carrier Expansion			1	1	502351
2	Cup, P.T.O. Shaft Bearing			1	1	181-18
3	Cone, P.T.O. Shaft Bearing			1	1	181-25
4	Shaft, P.T.O. Shift			1	1	27-69
5	Shaft, Power Take-Off			1	1	27-78
*	Key, P.T.O. Shaft			1	1	91-4
6	Cone, P.T.O. Shaft Bearing			1	1	181-25
7	Cup, P.T.O. Shaft Bearing			1	1	181-18
8	Seal Oil, P.T.O. Shaft			1	1	125-99
9	Hose Assembly - Discharge			1		37586
	Hose			1		502347
	Fitting - Inverted Flare (Male)			2		502348
10	Shim - P.T.O. Shaft Cap (Thin)			3	3	22-129
	Shim - P.T.O. Shaft Cap (Medium)			2	2	22-128
	Shim - P.T.O. Shaft Cap (Thick)			2	2	22-127
11	Gasket, P.T.O. Shaft Cap			1	1	16-69
12	Cap, P.T.O. Shaft Bearing			1	1	4-54
13	Lockwasher, P.T.O. Shaft Cap & Oil Cap Screw			8	8	20-72
14	Capscrew, P.T.O. Shift Cap & Oil Pump to Case			8	8	34-91
15	Nut, P.T.O. Shaft			1	1	53-101
*	Cotter Pin, P.T.O. Shaft Nut			1	1	17-93
16	Gasket, Oil Pump To Carrier			1	1	16-97
17	Plunger, Oil Pump			1	1	8-26
18	Spring, Oil Pump Plunger			1	1	24-64
	Oil Pump Assembly			1	1	502361
19	Body, Oil Pump			1	1	502359
20	Fitting, Oil Pump Outlet			1	1	502357
21	Ball - Pump Outlet Check Valve			1	1	502356
22	Spring - Oil Pump Check Valve Ball Outlet			1	1	24-65
23	Hose Assembly (Suction)			1		37585
	Hose - 9 1/4" Long			1		502346
	Fitting, Swivel, Female			2		501978
24	Hose Assembly (Suction)				1	37964

T-223 POWER TAKE-OFF ASSEMBLY WITH #502863 (LATER MODEL) CHECK VALVE ASSEMBLY (TIMKEN MODEL)

T-223 POWER TAKE-OFF ASSEMBLY WITH #37524 (EARLIER MODEL) CHECK VALVE ASSEMBLY (TIMKEN MODEL)

ITEM	DESCRIPTION	QUANTITY				PART NO.
		A	B	C	D	
	Hose - 11" Long				1	502346
	Fitting, Swivel, Female				1	501978
25	Bushing, Pipe Reducing			1		144040
26	Tee Pipe			1		144086
27	Plug, Square Head			1		103869
28	Elbow, 90° - Inverted Flare			1	1	502365
29	Plug, Carrier P.T.O.			1	1	19-42
30	Ball, Shift Shaft Lock			1	1	30-9
31	Spring, Shift Shaft Lock Ball			1	1	24-49
32	Screw, Shift Shaft Lock Ball			1	1	34-93
*	Lockwasher, Shift Shaft Lock Screw			1	1	20-68
33	Seal Oil, P.T.O. Shift Shaft			1	1	125-83
34	Shaft, P.T.O. Shift			1	1	27-69
35	Lever, Shift			1	1	48-261
36	Washer, Shift Shaft			1	1	20-69
37	Stud, Shift Lever			1	1	105-49
38	Washer, Shift Lever Stud			1	1	20-71
39	Nut, Shift Lever Stud			1	1	53-116
*	Cotter Pin, Shift Lever to Shaft and Stud			2	2	103374
40	Fork, P.T.O. Shift			1	1	188-9
41	Screw, Shift Shaft and Fork			1	1	34-94
42	Gasket, P.T.O. Carrier to Bearing Cage			1	1	502358
43	Capscrew, Carrier to Bearing Cage			6	6	502352
44	Clutch, P.T.O. Sliding			1	1	75-9
45	Capscrew, Drive Clutch Retainer			1	1	502354
46	Retainer, Drive Clutch			1	1	20-70
46A	Lockwasher, Drive Clutch Retainer			1	1	20-68
47	Clutch, P.T.O. Drive			1	1	75-11
48	Cage - Input Shaft Rear Bearing			1	1	502364
*	Capscrew, Cage to Transfer Case			6	6	502353
50	Check Valve Assembly			1		37524
*	Spring			1		30467
*	Ball, 3/8" Dia.			1		30466
*	Screw			1		30609
*	Body			1		30608
*	Washer			1		500334
*	Adapter			1		502127

T-223 TRANSFER CASE-POWER TAKE-OFF ASSEMBLY - TIMKEN MODEL.

T-223 POWER TAKE-OFF ASSEMBLY WITH #502863 (LATER MODEL) CHECK VALVE ASSEMBLY (TIMKEN MODEL)

T-223 POWER TAKE-OFF ASSEMBLY WITH #37524 (EARLIER MODEL) CHECK VALVE ASSEMBLY (TIMKEN MODEL)

ITEM	DESCRIPTION	QUANTITY A	QUANTITY B	QUANTITY C	QUANTITY D	PART NO.
51	Check Valve Assembly				1	502863
52	Bushing - Pipe Reducing				1	144040
53	Tee - Pipe				1	144086
54	Plug - Square Head				1	103869
55	Hose Assembly (Discharge)				1	37586
*	Hose				1	502347
	Fitting - Inverted Flare(Male)				2	502348
	(Hose To Transfer Case)					
*	Lockwasher, Case to Transfer Case & Carrier to Bearing Case			12	12	502355
56	Elbow 90° (Male)			1	1	9411037
57	Cap - Input Shaft Front Bearing			1	1	37587
58	Adapter - Oil Pump Inlet To Elbow			1	1	502362
59	Flange, Output Shaft (10 Splines)			1	1	54-5
60	Nipple			1	1	128067
61	Elbow				1	502126
*	Tag - Oil Instruction			1	1	62-26
P.T.O.	Power Take-Off					
*	Not Illustrated Items					

#39138 GASKET SET - CONSISTS OF THE FOLLOWING ITEMS:
Page 118,
Item 11 - Gasket, P.T.O. Shaft Cap, #16-69 (Qty 1)
Item 16 - Gasket, Oil Pump to Carrier, #16-97 (Qty 1)
Page 119,
Item 42 - Gasket, P.T.O. Carrier to Bearing Cage, #502358 (Qty 1)

#39169 BEARING SET - Consists of the following items:
Page 118
Item 2 - Cup, P.T.O. Shaft Bearing, #181-18 (1 Qty)
Item 3 - Cone, P.T.O. Shaft Bearing, #181-25 (1 Qty)
Item 6 - Cone, P.T.O. Shaft Bearing, #181-25 (1 Qty)
Item 7 - Cup, P.T.O. Shaft Bearing, #181-18, (1 Qty)

#39174 SHIM SET - Consists of the following items:
Page 118
Item 10 - Shim, Power Take-Off Shaft Cap, (thin) #22-129 (3 Qty)
- Shim, Power Take-Off Shaft Cap, (medium) #22-128 (2 Qty)
Shim, Power Take-Off Shaft Cap, (thick) #22-127 (2 Qty)

#39194 SEAL SET - Consists of the following items:
Page 118
Item 8- Seal, Oil, PTO Shaft, #125-99 (Qty 1)
Page 119
Item 33 - Seal, Oil, PTO Shift Shaft, #125-83 (Qty 1)

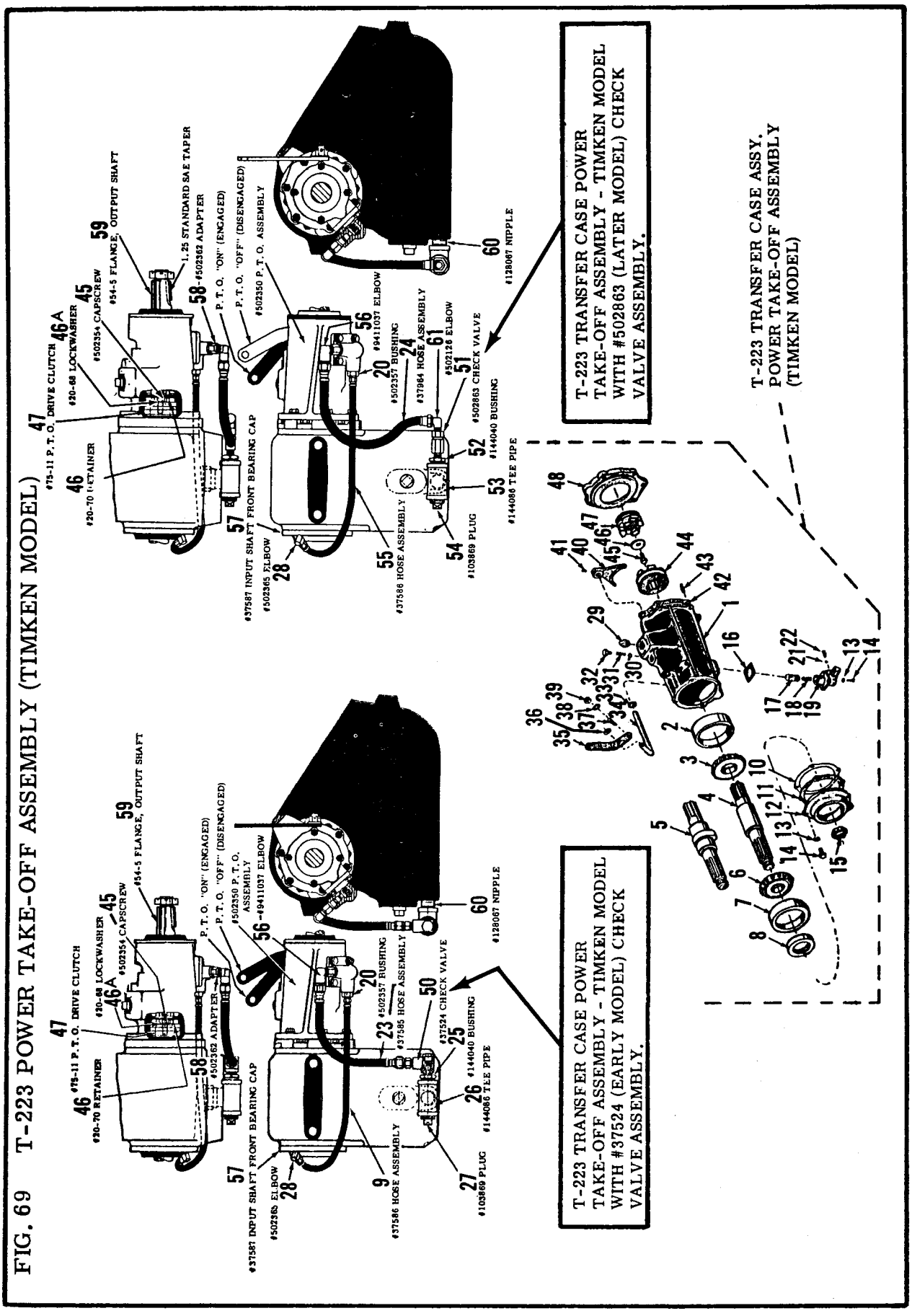
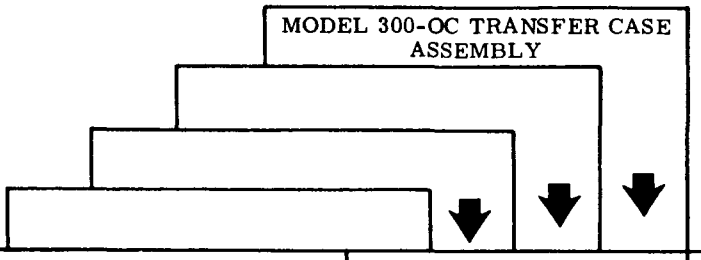
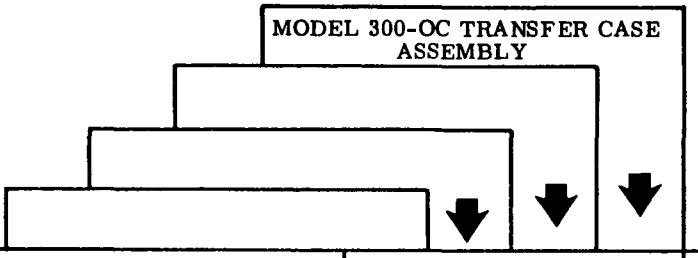


FIG. 69 T-223 POWER TAKE-OFF ASSEMBLY (TIMKEN MODEL)

MODEL 300-OC TRANSFER CASE ASSEMBLY

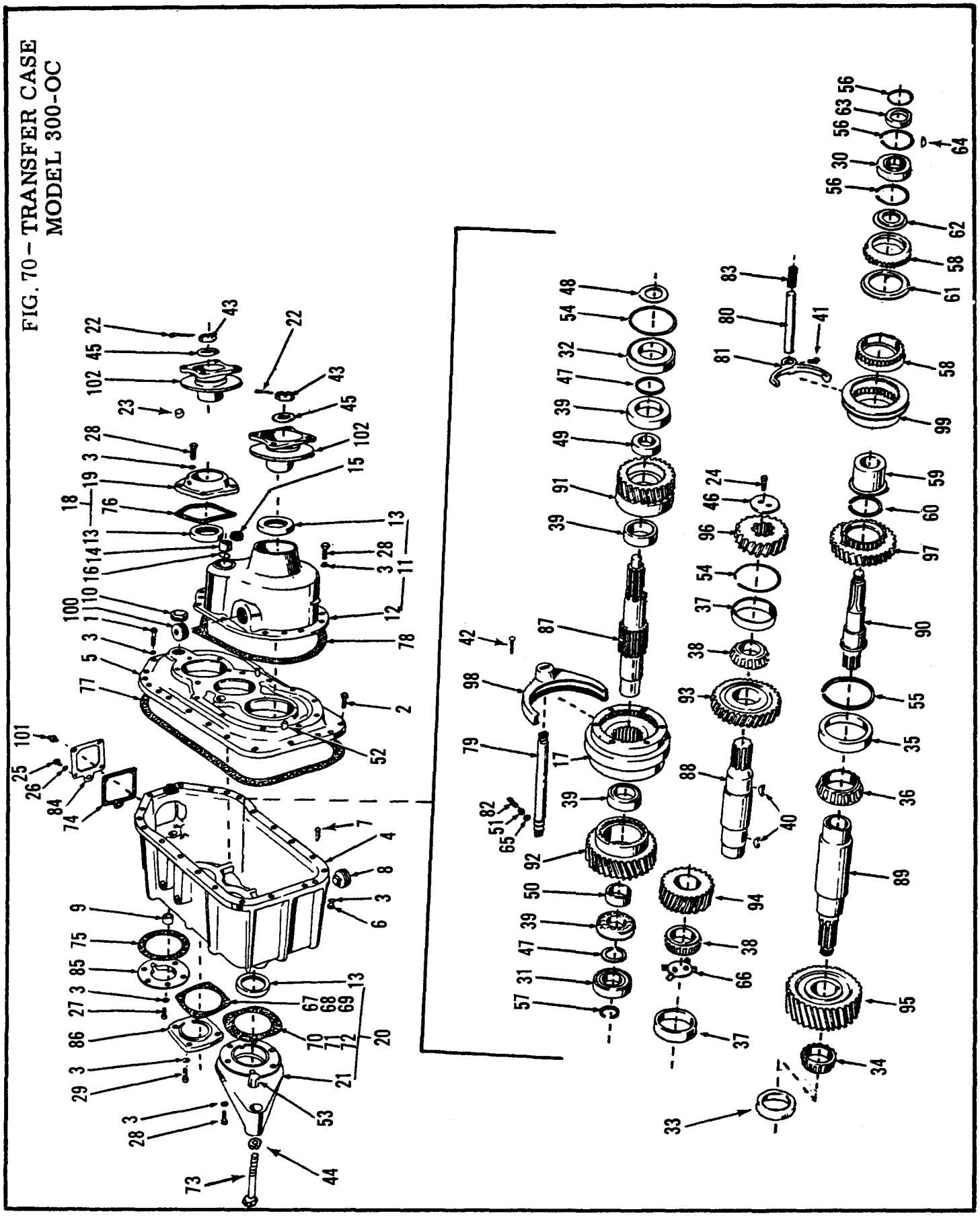


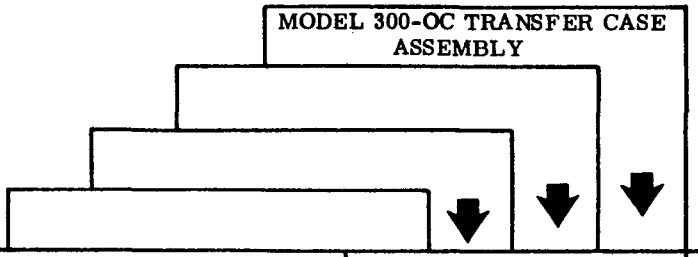
ITEM	DESCRIPTION	QUANTITY				PART NO.
		A	B	C	D	
	MODEL 300-OC TRANSFER CASE ASSEMBLY					
	(Illustration - Page 124)					
	Transfer Case Assembly-Complete (Includes Items					
	#1-102)				1	35449
	Case and Cover Assembly (Includes Items #1-10)				1	35453
1	Bolt-7/16-14 x 1-3/8 Hex Hd.				6	427564
2	Bolt-7/16-20 x 1-7/8 Hex Hd.				12	500087
3	Lockwasher - 7/16 Medium				55	103322
4	Case, Transfer				1	35450
5	Cover, Transfer Case				1	35451
6	Nut - 7/16-20 Hex				13	271505
7	Pin - #7 x 1-1/4				3	100360
8	Plug, Magnetic Drain				1	500088
9	Plug, Shift Shaft				1	500089
10	Seal, Oil-Speed Shift Shaft				1	500090
11	Case Assembly-Gear and Oil Seal (Includes Items					
	#12-16)				1	35454
12	Case, Gear				1	35452
13	Seal, Main Shaft Oil				1	500018
14	Seal, Main Shaft Oil				1	500091
15	Retainer, Shifter Shaft, Felt				1	30506
16	O-Ring				1	500092
17	Synchronizer Assembly (Consists of 5 Below Items)				1	30520
	Collar, Clutch Hi-Lo				1	30521
	Ring, Synchronizer Hi-Low Shift				2	30522
	Pin, Synchro-Ring				6	30523
	Pin, Cone Shifting				6	30524
	Spring, Synchronizer Detent				6	500101
18	Cap and Oil Seal Assembly-Front Bearing Input Shaft					
	(Includes Items 13, 19)				1	30525
19	Cap, Front Bearing Input Shaft				1	30526
20	Cap and Oil Seal Assembly-Rear Bearing Driven					
	Shaft-Includes Item 13, 21.				1	30527
21	Cap, Rear Bearing Driven Shaft				1	30528
22	Cotter Pin-1/8 x 1-3/4				3	103388
23	Plug				1	272972
24	Capscrew-7/16-14 x 1"				4	454932



ITEM	DESCRIPTION	QUANTITY				PART NO.
		A	B	C	D	
25	Capscrew - 3/8-16 x 3/4" Lg.				4	179837
26	Lockwasher - 3/8" Medium				4	103321
27	Capscrew - 7/16"-14 x 7/8" Lg.				6	454931
28	Capscrew - 7/16"-14 x 1-1/4" Lg.				23	193221
*	Capscrew - 7/16"-14-1-1/2" Lg.				2	427560
29	Capscrew - 7/16"-14 x 1-5/8"				1	186626
30	Bearing, Front, Front Driven Shaft				1	500105
31	Bearing, Main Shaft Rear				1	500106
32	Bearing, Main Shaft Front				1	500107
33	Cup, Rear Driven Shaft Rear Bearing				1	500108
34	Cone, Rear Driven Shaft Rear Bearing				1	500109
35	Cup, Rear Driven Shaft Front Bearing				1	500110
36	Cone, Rear Wheel, Large Bearing				1	500111
37	Cup, Inter Shaft Bearing				2	500112
38	Cone, Inter Shaft Bearing				2	500113
39	Bearing, Main Shaft Gear				4	500114
40	Key, Woodruff 1/2 x 2				3	500115
41	Set Screw, Shift Fork				1	500116
42	Screw, Trans. Case Shift Fork				1	500117
43	Nut, Driven Shaft				3	30235
44	Nut, Brake Anchor Bolt				1	500118
45	Washer, Drive Shaft				3	30234
46	Washer, Inter Shaft Bearing Adjust				2	30579
47	Washer, High and Low Speed Drive Shaft				2	30529
48	Washer, Main Shaft Front & Driven Shaft Front					
	Bearing				2	30530
49	Spacer, Low Speed Drive Gear				1	30532
50	Spacer, High Speed Drive Bearing				1	30533
51	Spacer, Trans. Shift Lock Spring				1	30534
52	Dowel, Front Output Gear Case				2	30535
53	Dowel, Driven Shaft Rear Bearing Cap				1	30536
54	Ring, Snap, Inter Shaft Front Bearing				1	500120
55	Ring, Snap, Rear Driven Shaft, Front Bearing				1	500121
56	Ring, Snap, Front Driven Shaft Bearing & Oil Seal				3	500122

FIG. 70 – TRANSFER CASE
MODEL 300-OC





ITEM	DESCRIPTION	QUANTITY				PART NO.
		A	B	C	D	
57	Ring, Snap, Input Shaft Rear Bearing				1	500123
	Race Assembly - Drive Sprag (Includes Items #58-				1	30537
	62)					
58	Race, Outer				2	30538
59	Race, Inner				1	30539
60	Ring, Snap				1	30540
61	Washer, Outer Race				1	30541
62	Sprag Assembly				2	500124
63	Washer, Front Drive Sprag Bearing				1	30542
64	Key, Drive Clutch - 3/8 x 1-1/2"				1	500125
65	Ball, Shift Shaft Lock - 7/16" Dia.				1	500126
66	Plate, Inter Shaft Bearing Lock				2	30543
67	Shim - Intermediate (.003)				6	30544
68	Shim - Intermediate (.005)				6	30545
69	Shim - Intermediate (.030)				1	30546
70	Shim - Driven Shaft Rear Bearing (.003)				6	30547
71	Shim - Driven Shaft Rear Bearing (.005)				6	30548
72	Shim - Driven Shaft Rear Bearing (.030)				1	30549
73	Bolt, Brake Anchor - Toggle Type				1	30550
74	Gasket, Transmission Top Cover				1	30551
75	Gasket, P.T.O. Carrier				1	30552
76	Gasket, Input Shaft Front Bearing Cap				1	30553
77	Gasket, Transfer Case To Cover				1	30554
78	Gasket, Front Output Gear Case				1	30555
79	Shaft, High-Low Shift				1	30556
80	Shaft, Front Axle Declutch Shift				1	35455
81	Fork, Shift, Front Axle Declutch				1	30559
82	Spring, Shift Shaft Plunger				1	30560
83	Spring, Declutch Shift Shaft				1	30561
84	Cover, Transfer Case Top				1	30563
85	Cap, Main Shaft Rear Bearing				1	30564
86	Cap, Inter Shaft Bearing				1	30565
87	Shaft, Main Drive				1	30566
88	Shaft, Intermediate				1	30567
89	Shaft, Rear Driven				1	30568
90	Shaft, Front Driven				1	30569
91	Gear, Low Speed Drive (25 Teeth)				1	30570
92	Gear, Hi Speed Drive (33 Teeth)				1	30571

ITEM	DESCRIPTION	MODEL 300-OC TRANSFER CASE ASSEMBLY QUANTITY A	B	C	D	PART NO.
93	Gear, Low Speed Intermediate (33 Teeth)				1	30572
94	Gear, Hi Speed Intermediate (22 Teeth)				1	30573
95	Gear, Rear Driven (33 Teeth)				1	30574
96	Gear, Front Drive Intermediate (21 Teeth)				1	30575
97	Gear, Front Driven (34 Teeth)				1	30576
98	Fork, Trans. Case Hi Low Shift				1	30577
99	Collar, Sprag Clutch Shift				1	30578
100	Plug, Oil Filler				1	500093
101	Breather				1	10332
102	Flange and Slinger Assembly Companion				1	30221
*	Flange				1	30222
*	Deflector, Dust				1	30223
	For Service Order:					
	Gasket Set No. 36427 (Includes Items 74-78)					
	Gasket, Transmission Top Cover -30551-(1)					
	Gasket, P.T.O. Carrier -30552-(1)					
	Gasket, Input Shaft Front Bearing Cap -30553-(1)					
	Gasket, Transfer Case To Cover -30554-(1)					
	Gasket, Front Output Gear Case -30555-(1)					
*	Not Illustrated Items					
*	Plug - Speedometer Bushing Hole				1	19-6
*	Lockwire - Declutch Shaft Screw				1	500103
*	Lockwire - Trans. Shaft Screw				1	500103
*	Sealer, Q-31 (4 Oz.)				1	500059
*	Petrolatum, Q-70 (7 Oz.)				1	500128
*	Sealer, P-240 (3 Oz.)				1	500058
*	Primer, P-250 (2 Oz.)				1	500065
*	#39170 BEARING SET - Consists of the following items:	39175 SHIM SET - Consists of the following items:				
	Page 123	Page 125				
	Item 30 - Bearing Front, Front Driven Shaft #500105 (Qty 1)	Item 67 - Shim, Intermediate (.003) #30544 (6 Qty)				
	Item 31 - Bearing, Main Shaft Rear #500106 (Qty 1)	Item 68 - Shim, Intermediate (.005) #30545 (6 Qty)				
	Item 32 - Bearing, Main Shaft Front #500107 (Qty 1)	Item 69 - Shim, Intermediate (.030) #30546 (1 Qty)				
	Item 33 - Cup, Rear Driven Shaft Rear Bearing #500108 (Qty 1)	Item 70 - Shim, Driven Shaft Rear Bearing (.003) #30547 (6 Qty)				
	Item 34 - Cone, Rear Driven Shaft Rear Bearing #500109 (Qty 1)	Item 71 - Shim, Driven Shaft Rear Bearing (.005) #30548 (6 Qty)				
	Item 35 - Cup, Rear Driven Shaft Front Bearing #500110 (Qty 1)	Item 72 - Shim, Driven Shaft Rear Bearing (.030) #30549 (1 Qty)				
	Item 36 - Cone, Rear Wheel, Large Bearing #500111 (Qty 1)	#39195 SEAL SET, Consists of the following items:				
	Item 37 - Cup, Intershaft Bearing #500112 (Qty 2)	Page 122				
	Item 38 - Cone, Intershaft Bearing #500113 (Qty 2)	Item 10 - Seal, Oil, Speed Shift Shaft #500090 (Qty 1)				
	Item 39 - Bearing, Main Shaft Gear #500114 (Qty 4)	Item 13 - Seal, Oil, Main Shaft #500018 (Qty 1)				
		Item 14 - Seal, Oil, Main Shaft #500091 (Qty 1)				

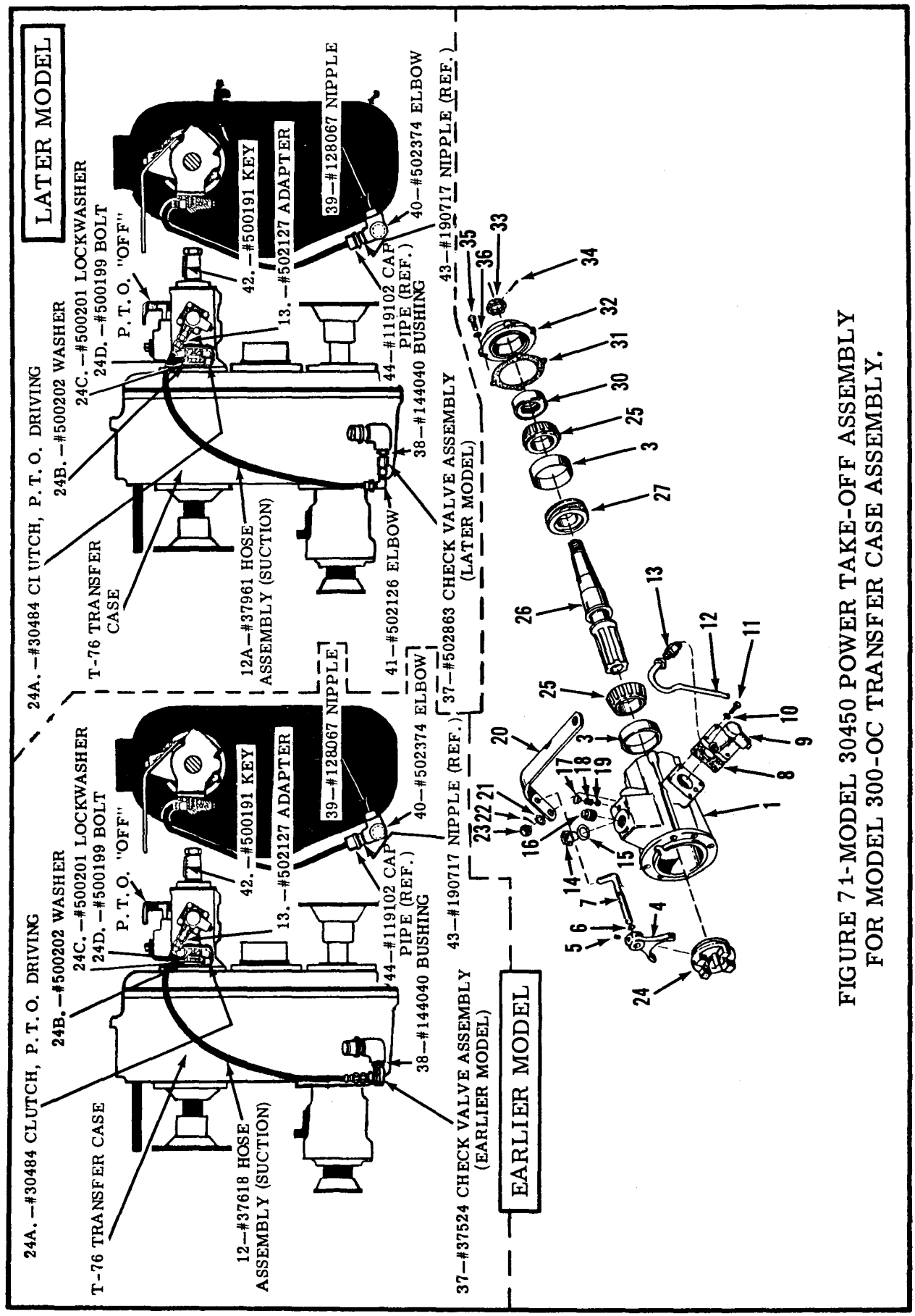
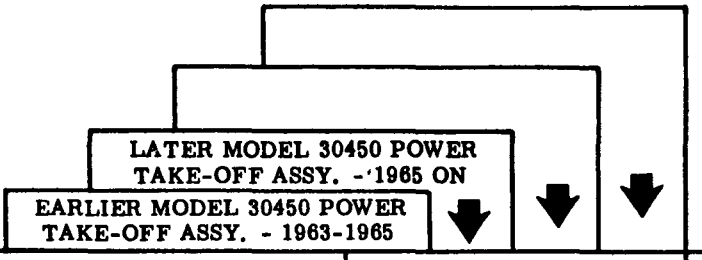


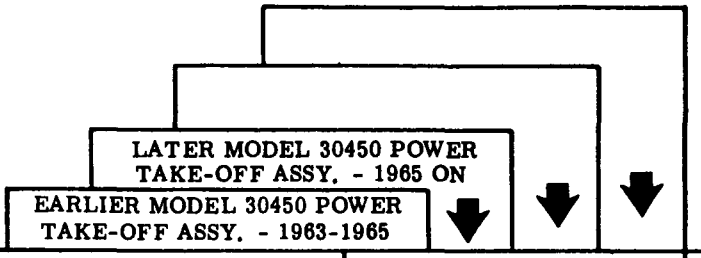
FIGURE 71-MODEL 30450 POWER TAKE-OFF ASSEMBLY FOR MODEL 300-OC TRANSFER CASE ASSEMBLY.

MODEL 30450 POWER TAKE-OFF ASSY. FOR MODEL 300-OC TRANSFER CASE ASSEMBLY.



ITEM	DESCRIPTION	QUANTITY				PART NO.
		A	B	C	D	
	POWER TAKE-OFF ASSEMBLY WITH OIL PUMP					
	FOR MODEL 300-OC					
	Transfer Case Assembly	1	1			37620
	Power Take-Off Assembly W/Out Oil Pump For					
	Model 300-OC Transfer Case Assembly	1	1			
1	Carrier Assembly, P.T.O.	1	1			37622
*	Carrier - P.T.O.	1	1			37621
*	Cup, Bearing	1	1			500193
*	Stud - Shift Lever	1	1			30473
*	Lockwasher, Carrier to Case Stud	2	2			500200
*	Bushing, Governor Driven Gear	1	1			30474
*	Nut, Carrier to Case Stud	2	2			271505
*	Bolt, Carrier to Case	4	4			193221
*	Stud, Carrier to Case	2	2			30479
3	Cup, Bearing- PTO Carrier Assembly	2	2			500193
4	Fork - P.T.O. Shift	1	1			30469
5	Screw - Shift Fork Lock-Slotted Head	1	1			500192
6	"O" Ring - Shift Shaft	1	1			500190
7	Shaft - P.T.O. Shift	1	1			30460
8	Gasket, Oil Pump	1	1			30458
9	Oil Pump Assembly	1	1			37619
*	Body, Oil Pump	1	1			30462
*	Plunger	1	1			30463
*	Spring - Oil Pump	1	1			30464
*	Ball - Oil Pump Outlet	1	1			30466
*	Spring - Oil Pump Outlet	1	1			30467
*	Plug - Outlet Ball - Square Head	1	1			103866
10	Lockwasher, Oil Pump	4	4			103320
11	Bolt, Oil Pump To Carrier	4	4			106325
12	Hose Assembly - Suction	1				37618
	Hose - 26" Long	1				502346
12A	Hose Assembly - Suction		1			37961
	Hose - 27 1/2 Lg.		1			502346
	Fitting - Female Swivel	2	2			501978
13	Adapter	1	1			502127
14	Plug, Governor Drive Hole	1	1			500198
15	Gasket, Speedometer Plug	1	1			30459
16	Plug - Carrier	1	1			500197

MODEL 30450 POWER TAKE-OFF ASSY. FOR MODEL 300-OC TRANSFER CASE ASSEMBLY



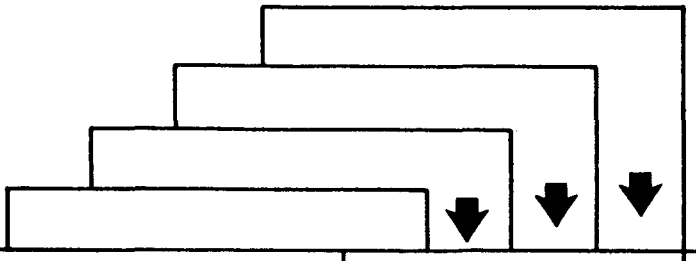
ITEM	DESCRIPTION	QUANTITY				PART NO.
		A	B	C	D	
17	Screw, Shift Shaft Lock Spring	1	1			500189
*	Washer, Declutch Screw Shift, Shakeproof -3/8"	1	1			500196
18	Spring - Shift Shaft Lock	1	1			30470
19	Ball - Shift Shaft Lock	1	1			30451
20	Lever, P.T.O. Shift	1	1			30482
21	Washer, Plain - Shift Lever Stud	1	1			103343
22	Cotter Pin, Shaft Lever Stud Nut	1	1			103373
23	Nut, Shift Lever Stud	1	1			102647
*	Washer, Shift Shaft	1	1			500203
*	Cotterpin, Shift Shaft	1	1			103373
24	Clutch, P.T.O. Sliding	1	1			30468
24A	Clutch, P.T.O. Driving	1	1			30484
24B	Washer, Drive Clutch Retainer	1	1			500202
24C	Lockwasher, Drive Clutch Screw-Shakeproof	1	1			500201
24D	Bolt - Drive Clutch Retainer	1	1			500199
*	Gasket, Carrier to Case	1	1			30552
25	Cone Bearing- PTO Carrier Assembly	2	2			500194
26	Shaft, P.T.O.	1	1			30478
27	Drive Gear - Governor Drive	1	1			30453
*	Key - Governor Drive Gear	1	1			106749
30	Seal Assembly - Oil	1	1			30477
31	Gasket, Carrier Bearing Cap	2	2			30457
*	Shim - P.T.O. Bearing Cap-Front (.003)	3	3			30454
*	Shim - P.T.O. Bearing Cap-Front (.005)	2	2			30455
*	Shim - P.T.O. Bearing Cap-Front (.010)	2	2			30456
	Cap Assembly - P.T.O.	1	1			30475
32	Cap - P.T.O. Shaft Bearing	1	1			30476
33	Nut, P.T.O. Shaft Slotted	1	1			500195
*	Washer, Declutch Screw Shift	1	1			500196
34	Cotter Pin - P.T.O. Shaft Nut	1	1			103387
35	Bolt - Carrier Cap	4	4			100121
36	Lockwasher, Cup	4	4			103320
37	Check Valve Assembly		1			502863
37	Check Valve Assembly	1				37524
	Body	1				30608
	Ball	1				30466

LATER MODEL 30450 POWER TAKE-OFF ASSY. - 1965 ON

EARLIER MODEL 30450 POWER TAKE-OFF ASSY. - 1963-1965

ITEM	DESCRIPTION	QUANTITY				PART NO.
		A	B	C	D	
	Spring	1				30467
	Washer	1				501334
	Screw	1				30609
	Adapter	1				502127
38	Bushing - Pipe Reducing	1	1			144040
39	Nipple	1	1			128067
40	Elbow, Side Outlet, Female	1	1			502374
41	Elbow		1			502126
42	Key - P.T.O. Shaft	1	1			500191
43	Nipple (Reference)	1	1			190717
44	Cap Pipe (Reference)	1	1			119102
*	Tag - Oil Instruction					30452
*	Not Illustrated Items					
	#39133 GASKET SET-CONSISTS OF THE FOLLOWING ITEMS:					
	Page 128 -					
	Item 8- Gasket, Oil Pump #30458 (Qty 1)					
	Item 15 - Gasket, Speedometer Plug, #30459 (Qty 1)					
	Page 129 -					
	* - Gasket, Carrier to Case, #30552 (Qty 1)					
	Item 31 - Gasket, Carrier Bearing Cap, #30457 (Qty 2)					
*	#39171 BEARING SET - Consists of the following items:					
	Page 128					
	Item 3 - Cup, Bearing, PTO, Carrier Assembly #500193 (2 Qty)					
	Page 129					
	Item 25-Cone, Bearing, PTO Carrier Assembly, #500194 (2 Qty)					
*	#39176 SHIM SET - Consists of the following items:					
	Page 129					
	* - Shim, PTO Bearing Cap Front (.003) #30454 (3 Qty)					
	* - Shim, PTO Bearing Cap Front (.005) #30455 (2 Qty)					
	* - Shim, PTO Bearing Cap Front (.010) #30456 (2 Qty)					

MODEL 300-OC EMERGENCY BRAKE (USED ON MODEL 300-OC TRANSFER CASE ASSEMBLY)



ITEM	DESCRIPTION	QUANTITY				PART NO.
		A	B	C	D	
	MODEL 300-OC EMERGENCY BRAKE FOR					
	MODEL 300-OC TRANSFER CASE ASSEMBLY					
	(Illustration - Page 132)					
	Complete Brake Assembly				1	30511
1	Flange & Slinger Assembly Companion				2	30221
	Flange				2	30222
	Deflector, Dust				2	30223
2	Lockwasher, 1/2" Medium				4	103323
3	Nut, 1/2"-20				4	103028
4	Shoe & Lining Assembly-Inner Brake				1	500094
	Shoe-Inner Brake				1	500095
	Lining-Inner Shoe				1	500096
	Rivet				8	136547
5	Washer-Spacer				4	30518
6	Spring, Tie				1	500100
7	Washer-"C"				2	30519
8	Pin, Stabilizer				1	30512
9	Washer, Pinion Rear Bearing				2	30516
10	Slinger, Grease				1	30509
11	Drum, Brake				1	30508
12	Lever & Pin Assembly, Brake				1	30513
	Lever, Brake				1	30514
	Pin				2	30515
13	Shoe & Lining Assembly-Outer Brake				1	500097
	Shoe-Outer Brake				1	500098
	Lining-Outer Shoe				1	500099
	Rivet				8	136547
14	Pin, Shoe Stabilizer				1	30517
15	Lockwasher-3/8" Medium				1	103321
16	Nut-3/8" -16 NC Hex				1	102635
17	Screw, Brake Drum To Flange				4	500134
18	Capscrew-7/16"-20 x 2" Lg. Hex Hd.				1	500563
*	Capscrew-7/16"-14 x 1-1/8 Lg.				1	454933
19	Stop, Brake Shoe				1	30558
20	Spring, Brake Shoe Return				1	30562
AR	As Required					
*	Not Illustrated Items					

ITEM	DESCRIPTION	QUANTITY				PART NO.
		A	B	C	D	
*	Washer, Brake Shoe, Front Bearing				AR	30531
*	Drum and Flange Assembly - Brake				1	30507
*	For Service Order: Brake Relining Kit - Consists of the Following: #500096 Lining (For Inner Shoe)-(1), #500069 Lining (For Outer Shoe)-(1), #136547 Rivets-(16)					

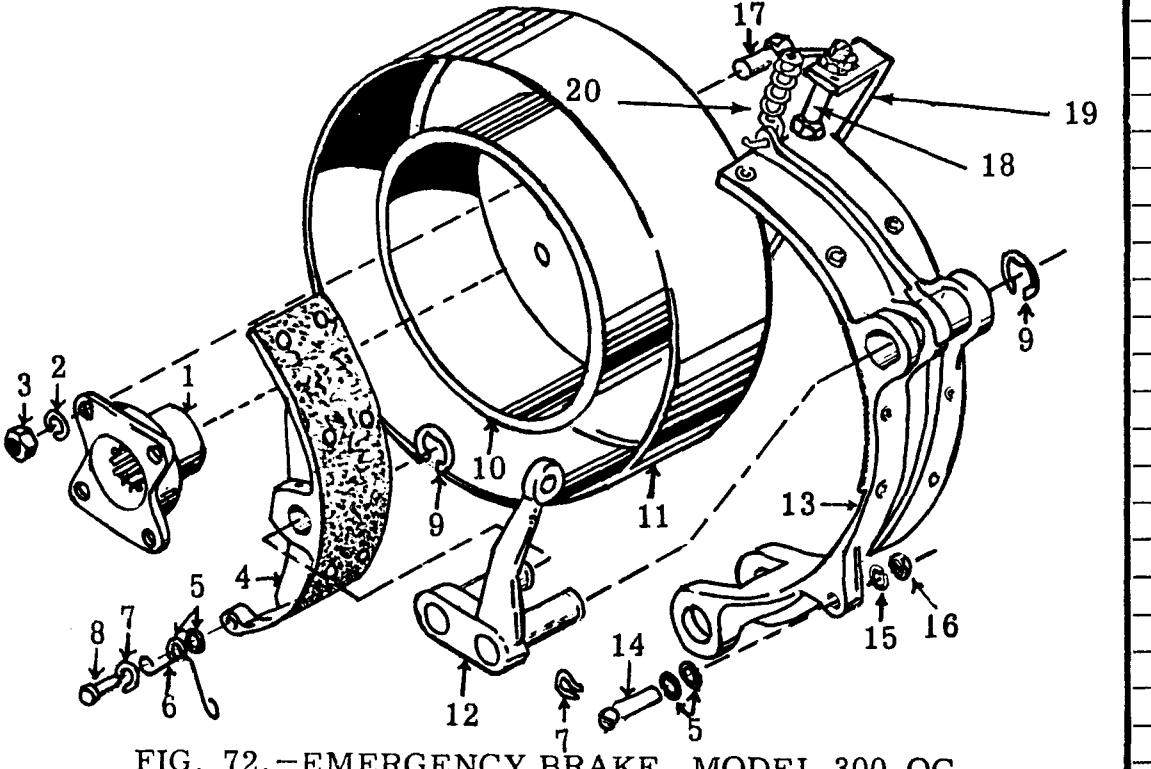


FIG. 72.—EMERGENCY BRAKE, MODEL 300-OC

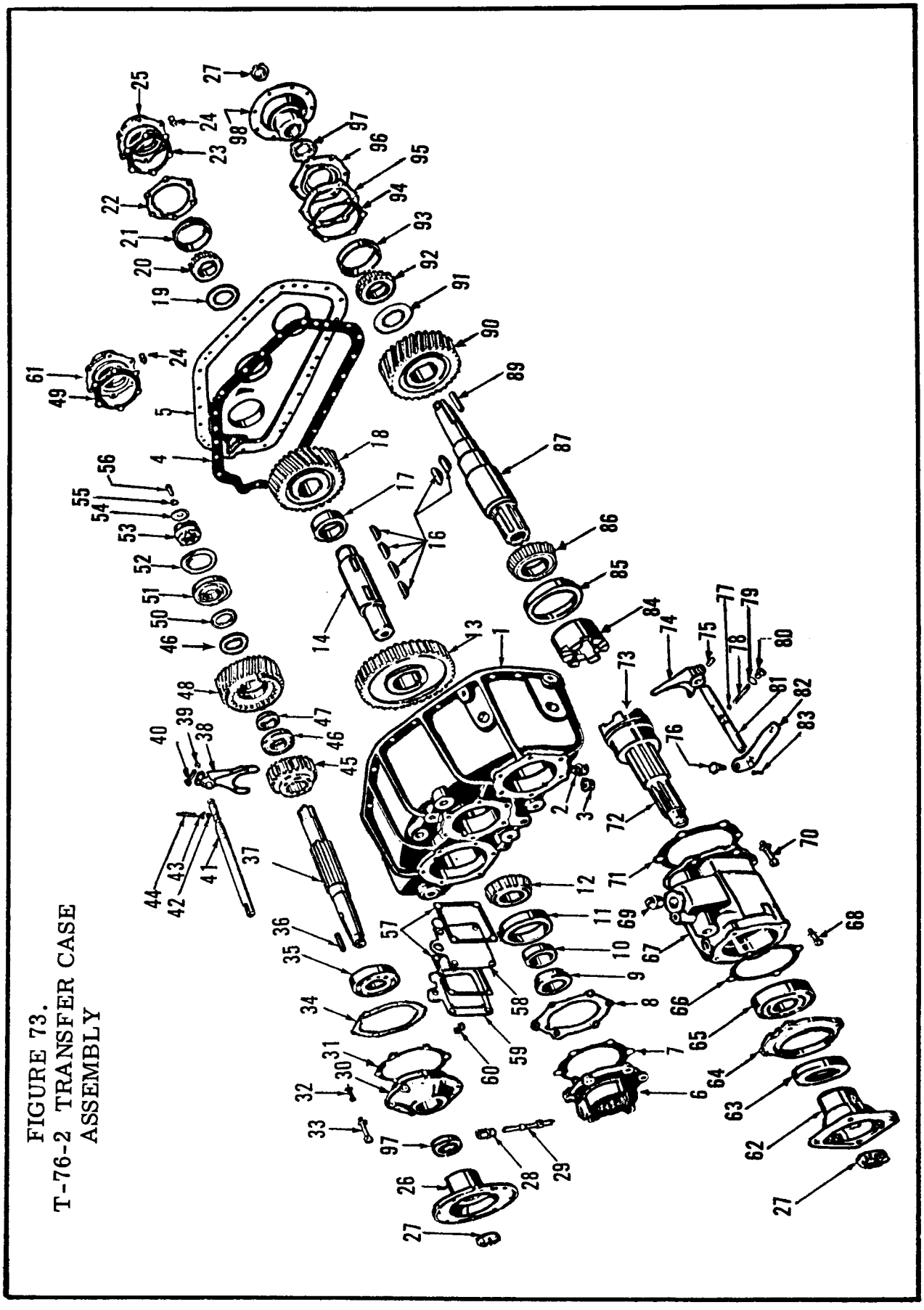


FIGURE 73.
T-76-2 TRANSFER CASE
ASSEMBLY

T-76-2 TRANSFER CASE ASSEMBLY

ITEM	DESCRIPTION	QUANTITY A	B	C	D	PART NO.
	T-76 2 TRANSFER CASE Ratio's-High 1.00-1, Low 1.72-1					
	Transfer Case - Less Flanges And Power Take-Off Parts	1				501489
	Transfer Case Assembly (Model 306N-T76-2)	1				38207
	Transfer Case Assembly (Model 306N-T76-2 W/180° Revolved Speedo Cap)	1				38222
	Transfer Case Assembly (Model 306N With Power Take Off)	1				38299
	Transfer Case Assembly (Model 306N-T76-2 W/180° Revolved Speedometer & Power Take Off	1				38310
1	Case, Transfer	1				11C7130
2	Plug, Oil Drain, Transfer Case	1				503829
*	Plug, Trans. Case Oil Filler	1				103869
3	Plug, Magnetic Drain, 3/4 NPT	1				502377
4	Gasket, Transfer Case Cover	1				11A7100
5	Cover, Transfer Case	1				11C7120
*	Capscrew, Trans. Case & Cover	2				8A6357
*	Taper Pin, Trans. Case & Cover	4				11A6488
*	Bolt, Trans. Case & Cover	21				8A6354
*	Nut, Trans. Case & Cover	18				271505
*	Lockwasher, Trans. Case & Cover	23				103322
6	Cap, Idler Shaft Front Bearing	1				11C7117
*	Capscrew, Idler Cap Front	5				454933
*	Lockwasher	5				103322
7	Gasket, Idler Shaft Front Bearing Cap	1				11A7097
8	Shim-Pack (Idler)					
	Shim-Idler Shaft Front Bearing Cap (Thin)	AR				502485
	Shim-Idler Shaft Front Bearing Cap (Medium)	AR				502486
	Shim-Idler Shaft Front Bearing Cap (Thick)	AR				502487
9	Gear, Speedometer Drive	1				503826
10	Spacer-Speedometer Gear	1				11A7082
11	Cup, Idler Shaft Front	1				2X65828
12	Cone, Idler Shaft Front	1				500113
13	Gear, Low Speed Drive	1				11C7125
14	Shaft, Idler	1				11C7122
*	Capscrew, Idler Shaft Front Bearing Cover To Case	2				8A6358
16	Key, Idler, Low Speed Gear	6				500115
17	Spacer, Idler Shaft Gear	1				11A7081
18	Gear, Idler	1				11C7129
19	Washer, Idler Shaft	1				11A7077
20	Cone, Idler Shaft Rear	1				500113
21	Cup, Idler Shaft Rear	1				2X65828
22	Shim Pack (Idler) Shim-Idler Shaft Rear Bearing Cap (Thin)	AR				502485

T-76-2 TRANSFER CASE ASSEMBLY

ITEM	DESCRIPTION	QUANTITY A	B	C	D	PART NO.
	T-76-2 TRANSFER CASE (Continued)					
	Shim-Idler Shaft Rear Bearing Cap (Medium)	AR				502486
	Shim-Idler Shaft Rear Bearing Cap (Thick)	AR				502487
23	Gasket, Idler Shaft Rear Bearing Cap	1				11A7097
24	Bolt, 7/16-14 x 1 1/4	6				100147
25	Cap, Idler Shaft Rear Bearing	1				11C7115
*	Capscrew, Idler Cap Rear	5				454933
*	Lockwasher, Idler Cap Rear	5				103322
26	Flange, Front Input	1				9B7018
27	Nut, Main & Driven Shaft End	3				11A2414
*	Cotterpin, Main Drive & Driven Shaft Nut	3				103389
28	Sleeve	1				16B8112
29	Gear	1				16A7203
30	Cap, Main Shaft Front Bearing	1				11C7112
31	Gasket, Main Shaft Front Cap	2				11A7098
32	Lockwasher, Main Shaft Front Bearing Cap Capscrew	1				103323
33	Capscrew, Main Shaft Front Cap	6				193221
	Lockwasher, Main Shaft Front Cap Capscrew	6				103322
34	Shim-Main Shaft Front Bearing Cap (Thin)	AR				502488
	Shim-Main Shaft Front Bearing Cap (Medium)	AR				502489
	Shim-Main Shaft Front Bearing Cap (Thick)	AR				502490
35	Bearing-Main Shaft Front	1				503833
36	Key, Main Shaft End	1				502278
37	Shaft, Main Drive	1				11C7123
*	Slinger, Drive Front	1				11A7270
*	Seal, Oil, Main Shaft Front	1				503830
38	Fork, Trans. Gear Shift	1				11B7054
39	Nut, Trans. Shift Fork Bolt	1				122961
*	Cotter Pin, Trans. Shift Fork Bolt Nut-3/32 x 1	1				103374
40	Bolt-Trans. Shift Fork	1				8A6353
41	Shaft, Trans. Gear Shift	1				11B7052
*	Packing, Trans. Shift Shaft	1				500091
*	Retainer, Trans. Shift Shaft Packing	1				30506
42	Ball, Trans. Gear Shift Lock	1				500126
43	Plunger, Trans. Shift Lock Spring	1				30534
44	Spring, Trans. Gear Shift Lock	1				24-134
45	Gear, Low Speed Sliding	1				11C7126
46	Bearing, Main Drive Gear Idler	1				6B10040
47	Spacer, Main Drive Gear Bearing	1				11A7080
48	Gear, Main Drive	1				11C7128
49	Gasket, Main Shaft Rear Cap	1				30552
50	Washer, Main Drive Gear Bearing	1				11A7078
51	Bearing, Main Shaft Rear	1				503832
52	Washer, Main Shaft Rear Bearing	1				11A7076
53	Clutch, P.T.O. Drive	1				30484
54	Washer, P.T.O. Clutch	1				500202

T-76-2 TRANSFER CASE ASSEMBLY

ITEM	DESCRIPTION	QUANTITY A	B	C	D	PART NO.
	T-76-2 TRANSFER CASE (Continued)					
55	Lockwasher, P.T.O. Clutch Capscrew	1				500201
56	Capscrew, P.T.O. Clutch	1				11A6749
57	Gasket, Trans. Shift Cover	2				11B8629
	BREATHER ASSEMBLY	1				11A3582
58	Plate, Trans. Oil Breather	1				11B7032
59	Cover, Trans. Shift	1				8A7054
60	Capscrew, Trans. Shift Cover	4				501352
*	Lockwasher, Trans. Shift Cover	4				103321
61	Cap, Main Shaft Rear Bearing	1				11C7118
*	Bolt	6				100147
*	Lockwasher	6				103322
62	Flange, Front Output	1				9B7024
63	Oil Seal, Declutch Shaft	1				503831
64	Cap, Declutch Shaft Bearing	1				11C7114
65	Bearing, Declutch Shaft	1				503832
66	Gasket, Declutch Carrier Cap	1				11A7094
67	Carrier, Declutch Shaft Bearing	1				11C7111
*	Seal, Felt	1				502419
*	Retainer, Declutch Shift Shaft Packing	1				11A7032
68	Capscrew, Declutch Carrier Cover	4				34-143
*	Lockwasher, Shift Shaft	4				103321
69	Plug, Declutch Carrier Oil	1				500197
70	Capscrew, Declutch Carrier To Transfer Case Cover	6				193221
*	Lockwasher	6				103322
71	Gasket, Declutch Carrier	1				11A7095
72	Shaft, Declutch	1				11C7121
*	Companion Flange, Declutch Shaft	1				503828
*	Dirt Deflector, Declutch Shaft	1				11A7269
73	Clutch, Declutch Sliding	1				11B7033
74	Fork, Declutch Shaft	1				11B7036
75	Screw, Declutch Shift Fork	1				11A7049
76	Screw	1				11A7050
77	Ball, Declutch Shift Lock	1				30466
78	Spring, Declutch Shift Lock	1				11B7037
79	Washer	1				11A7074
80	Screw, Declutch Shift Lock Spring	1				11A7044
*	Lockwasher, Declutch Shift Lock Screw	1				500200
81	Shaft, Declutch Shift	1				11B7030
*	Packing, Declutch Shift Shaft	1				11A7048
82	Lever, Transfer Case Declutch Shift	1				37475
*	Cotter Pin, Declutch Shift Lever Pin	1				103361
*	Stud	1				105-66
*	Capscrew, Declutch Lever	1				503834
*	Nut, Lever To Stud	1				53-84
*	Lockwasher, Declutch Lever	1				500200
*	Pin, Declutch Shift Lever - 1/4 Std.	1				11A7308
83	Pin, Clevis - 1/4 Std.	1				138083

ITEM	DESCRIPTION T-76-2 TRANSFER CASE (Continued)	QUANTITY A	B	C	D	PART NO.
*	Pin, Cotter, 1/16 x 7/16	1				137130
*	Plug, Drain	1				19-12
84	Clutch, Declutch Driving	1				11B7034
*	Lockscrew, Declutch Driving Clutch	1				11A6784
85	Cup, Driven Shaft Front Bearing	1				2X629B
86	Cone, Driven Shaft Front Bearing	1				2X6606A
87	Driven Shaft	1				11C7124X
*	Key, Driven Shaft End	1				502278
*	Bushing, Driven Shaft	1				11A7033
*	Slinger, Driven Shaft	1				11A7270
89	Key, Driven Gear	6				500115
90	Gear, Driven (31 Teeth)	1				11C7127
91	Washer	1				11A7077
92	Cone, Driven Shaft Rear Bearing	1				500113
93	Cup, Driven Shaft Rear Bearing	1				2X65828
94	Gasket, Driven Shaft Rear Cap	1				11A7099
95	Shim Pack (Rear Output)					
	Shim-Driven Shaft Rear Bearing Cap (Thin)	AR				502491
	Shim-Driven Shaft Rear Bearing Cap (Medium)	AR				502492
	Shim-Driven Shaft Rear Bearing Cap (Thick)	AR				502493
96	Cap, Driven Shaft Rear Bearing	1				11C7116
*	Capscrew, Driven Shaft Rear Bearing Cap	6				193221
*	Lockwasher, Driven Shaft Rear Bearing Cap	6				103322
97	Seal, Oil, Driven Shaft Rear	1				503830
98	Flange, Rear Output	1				9B7022
*	Cap, Speed Driven Gear Sleeve Paint	1				6B10043
*	Speedo Driven Gear	1				503316
*	Speedo Driven Gear Sleeve	1				503317
*	Speed.Drive Gear Key	1				503827
*	Bushing-Speed Driven Gear	1				30474
*	Tag-Declutch Carrier Oil	1				30452

#39156 BEARING SET - Consists of the following items:

Page 134

Item 11 - Cup, Idler Shaft Front, #2X65828 (1 Qty)
Item 12 - Cone, Idler Shaft Front, #500113 (1 Qty)
Item 20 - Cone, Idler Shaft Rear, #500113 (1 Qty)
Item 21 - Cup, Idler Shaft Rear, #2X65828 (1 Qty)

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Item 35 - Bearing, Main Shaft Front #503833 (1 Qty)
Item 46 - Bearing, Main Drive Gear Idler, #6B10040 (1 Qty)
Item 51 - Bearing, Main Shaft Rear, #503832 (1 Qty)

Page 136

Item 65 - Bearing, Declutch Shaft, #503832 (1 Qty)

Page 137

Item 85 - Cup, Driven Shaft Front Bearing, #2X629B (1 Qty)
Item 86 - Cone, Driven Shaft Front Bearing, #2X6606A (1 Qty)
Item 92 - Cone, Driven Shaft Rear Bearing, #500113 (1 Qty)
Item 93 - Cup, Driven Shaft Rear Bearing, #2X65828 (1 Qty)

#39134 GASKET SET - CONSISTS OF THE FOLLOWING ITEMS:

Page 134,

Item 4 - Gasket, Transfer Case Cover, #11A7100 (Qty 1)
Item 7 - Gasket, Idler Shaft Front Bearing Cap, #11A7097 (Qty 1)

Page 135,

Item 23 - Gasket, Idler Shaft Rear Bearing Cap, #11A7097 (Qty 1)
Item 31 - Gasket, Main Shaft Front Cap, #11A7098 (Qty 2)
Item 49 - Gasket, Main Shaft Rear Cap, #30552 (Qty 1)

Page 136,

Item 57 - Gasket, Trans. Shift Cover, #11B8629 (Qty 2)
Item 66 - Gasket, Declutch Carrier Cap, #11A7094 (Qty 1)

#39177 - SHIM SET - Consists of the following items:

Page 134

Item 8 - Shim, Idler Shaft Front Bearing Cap (thin) #502485 (AR Qty)
- Shim, Idler Shaft Front Bearing Cap (medium) #502486 (AR Qty)
- Shim, Idler Shaft Front Bearing Cap (thick) #502487 (AR Qty)

Page 134, 135

Item 22 - Shim, Idler Shaft Rear Bearing Cap (thin) #502485 (AR Qty)
- Shim, Idler Shaft Rear Bearing Cap (medium) #502486 (AR Qty)
- Shim, Idler Shaft Rear Bearing Cap (thick) #502487 (AR Qty)
Item 34 - Shim, Main Shaft Front Bearing Cap (thin) #502488 (AR Qty)
- Shim, Main Shaft Front Bearing Cap (medium) #502489 (AR Qty)
- Shim, Main Shaft Front Bearing Cap (thick) #502490 (AR Qty)

Page 137 - SHIM PACK (Rear Output)

Item 95 - Shim, Driven Shaft Rear Bearing Cap (thin) #502491 (AR Qty)
- Shim, Driven Shaft Rear Bearing Cap (medium) #502492 (AR Qty)
- Shim, Driven Shaft Rear Bearing Cap (thick) #502493 (AR Qty)

AS REQUIRED

Item 71 - Gasket, Declutch Carrier #11A7095 (Qty 1)

Page 137

Item 94 - Gasket, Driven Shaft Rear Cap, #11A7099 (Qty 1)

#39196 SEAL SET - Consists of the following items:

Page 135

* Seal, Oil, Main Shaft Front #503830 (Qty 1)

Page 136

Item 63 - Seal, Oil, Declutch Shaft #503831 (Qty 1)
* - Seal, Felt #502419 (Qty 1)

Page 137

Item 97 - Seal, Oil, Driven Shaft Rear #503830 (Qty 1)

T-76-2 POWER TAKE-OFF ASSEMBLY

ITEM	DESCRIPTION	QUANTITY A	B	C	D	PART NO.
	POWER TAKE-OFF ASSEMBLY WITH OIL PUMP					502993
	(Illustration - Page 140)					
1	Carrier, P.T.O.	1				503882
*	Gasket, P.T.O. Carrier	1				11A6920
*	Stud, P.T.O. Carrier To Case	2				30479
*	Nut, Carrier To Case Stud	2				271505
*	Lockwasher, Carrier To Case Stud	2				500200
3	Cup, P.T.O. Bearing	2				500193
4	Fork, P.T.O. Shift	1				30469
5	Screw, Shift Fork Lock	1				500192
6	"O" Ring, Shift Shaft	1				500190
7	Shaft, P.T.O. Shift	1				503860
*	Seal, Oil, P.T.O. Shift Shaft	1				503861
*	Key, P.T.O. Shaft	1				500191
8	Gasket, Oil Pump	2				30458
9	Oil Pump Assembly	1				37619
*	Body, Oil Pump	1				503885
*	Plug, Outlet Ball - Sq. Hd.	1				103866
*	Plunger, Oil Pump	1				503863
*	Ball, Oil Pump Outlet	1				30466
*	Spring, Oil Pump Outlet	1				30467
*	Fitting, Oil Pump Outlet Tube (Discharge)	2				53-125
*	Fitting, Oil Pump Outlet Elbow	1				65-17
*	Fitting, Oil Pump Outlet	1				54-26
*	Tube, Oil Pump Inlet	1				503883
*	Tube, Oil Pump Outlet	1				503884
10	Lockwasher, Oil Pump	4				103320
11	Capscrew, Oil Pump To Carrier	4				503864
12	Hose Assembly (Suction)	1				38279
*	Hose	1				502346
*	Fitting, Female Swivel	2				501978
12A	Elbow - 90° Male Oil Pump Inlet	1				502126
*	Inlet Connection, Oil Pump - 90°	1				503570
*	Grommet, Hose Inlet Oil Tube	1				503572
*	Clip, Grommet, Oil Tube	1				503571
12C	Nipple	1				190717
12D	Pipe Cap	1				119102
13	Adapter, Oil Pump Body	1				502127
*	Check Valve Assembly	1				502863
*	Body, Brass	1				30608
*	Ball, 3/8" Dia	1				30466
*	Spring	1				30467
*	Washer	1				501334
*	Screw, Detent Spring	1				30609
14	Plug, Governor Drive Hole	1				500198
15	Gasket, Speedometer Plug	1				30459
16	Plug, Carrier	1				500197
17	Screw, Shift Shaft Lock Spring	1				500189
*	Washer, Declutch Shift Spring Screw	1				500196
18	Spring, Shift Shaft Lock	1				30470

T-76-2 POWER TAKE-OFF ASSEMBLY

ITEM	DESCRIPTION	QUANTITY A	B	C	D	PART NO.
	POWER TAKE-OFF ASSEMBLY WITH OIL PUMP (Continued)					
19	Ball, Shift Shaft Lock	1				30451
20	Lever, P.T.O. Declutch Shift	1				37475
*	Stud, Shift Lever	1				30473
*	Washer, Shift Lever	1				500203
21	Washer, Shift Lever Stud	1				500188
22	Cotter Pin, Shaft Lever Stud Nut	1				103373
23	Nut, Shift Lever Stud	1				427621
24	Clutch, P.T.O. Sliding	1				11B7033
	Clutch, P.T.O. Driving	1				30484
*	Washer, P.T.O. Clutch	1				500202
*	Lockwasher, P.T.O. Clutch Capscrew	1				500201
*	Capscrew, P.T.O. Clutch	1				11A6749
*	Gasket	1				30552
25	Cone, P.T.O. Bearing	2				500194
26	Shaft, P.T.O.	1				503866
27	Drive Gear	1				503826
28	Seal, Oil, P.T.O. Shaft	1				30477
29	Gasket, Carrier Bearing Cap	2				30457
*	Shim, P.T.O. Bearing Cap (.003)	AR				30454
*	Shim, P.T.O. Bearing Cap (.005)	AR				30455
*	Shim, P.T.O. Bearing Cap (.010)	AR				30456
30	Cap, P.T.O. Shaft Bearing	1				30476
31	Nut, P.T.O. Shaft	1				500195
32	Cotterpin, P.T.O. Shaft Nut	1				103387
33	Capscrew, Carrier Cap	4				100121
34	Lockwasher, Carrier Cap Capscrew	4				103320
35	Hose Assembly (Discharge)	1				38265
*	Hose	1				502347
*	Fitting, Inverted Flare, Male	1				502348
35A	Elbow, 90° Inverted Flare	1				502365
*	Grommet, Hose	1				503573
*	Clip, Grommet, Oil Tube	1				503571
36	Cap, Front Input Shaft Bearing Modification	1				38255
37	Pipe Elbow, Modification	1				38278
*	Street El, 3/4 - 14 NPT	1				141621
38	Flange, Front Output	1				9B7024
38A	Flange, Input	1				9B7018
38B	Flange, Rear Output	1				9B7022
*	Oil Instruction Tag	1				30452

#39135 GASKET SET - CONSISTS OF THE FOLLOWING ITEMS:
Page 138,
* - Gasket P.T.O. Carrier, #11A6920(Qty 1)
Item 8 - Gasket, Oil Pump, #30458 (Qty 2)
Item 15 - Gasket, Speedometer Plug, #30459 (Qty 1)
Page 139,
Item 29 - Gasket, Carrier Bearing Cap #30457 (Qty 2)
* Gasket, Clutch, P.T.O. Driving #30552(Qty
* - NOT ILLUSTRATED ITEMS
AR - AS REQUIRED
P.T.O. - POWER TAKE OFF

#39197 SEAL SET - Contains the following items:
Page 138
* - Seal, Oil, PTO Shift Shaft #503861 (Qty 1)
Page 139
Item 28 - Seal, Oil, PTO Shaft #30477 (Qty 1)

#39176 SHIM SET - Consists of the following items:
Page 139
Item 29
* - Shim PTO Bearing Cap (.003) #30454 (3 Qty)
* - Shim, PTO Bearing Cap (.005) #30455 (2 Qty)
* - Shim PTO Bearing Cap (.010) #30456 (2 Qty)

* #39171 - BEARING SET - Consists of the following items:
Page 138
Item 3 - Cup, PTO Bearing #500193 (2 Qty)
Page 139
Item 25 - Cone, PTO Bearing #500194(2 Qty

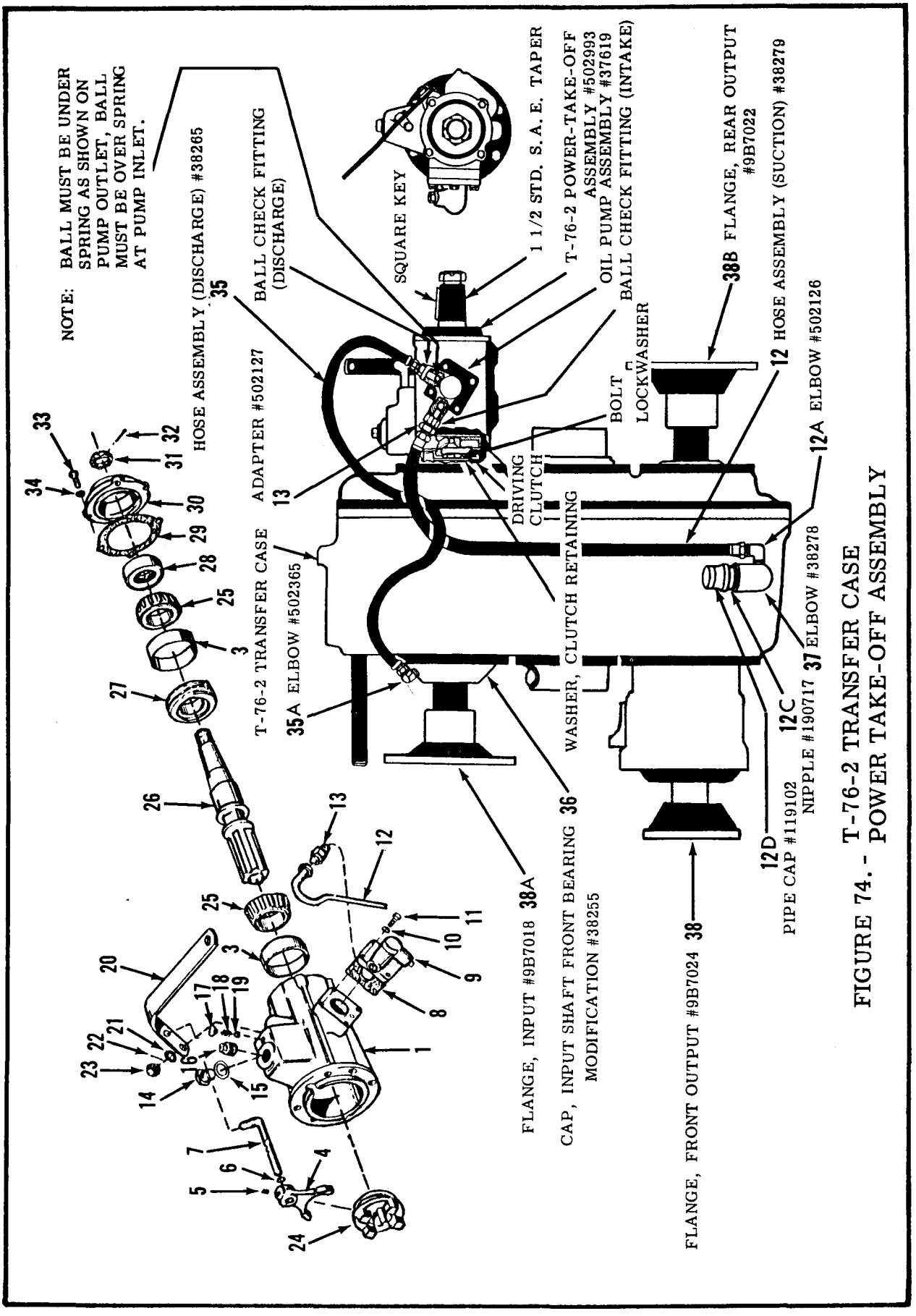

FIGURE 74. - T-76-2 TRANSFER CASE POWER TAKE-OFF ASSEMBLY

T-77-3-170
TRANSFER CASE ASSEMBLY
W/2.55 Low Ratio

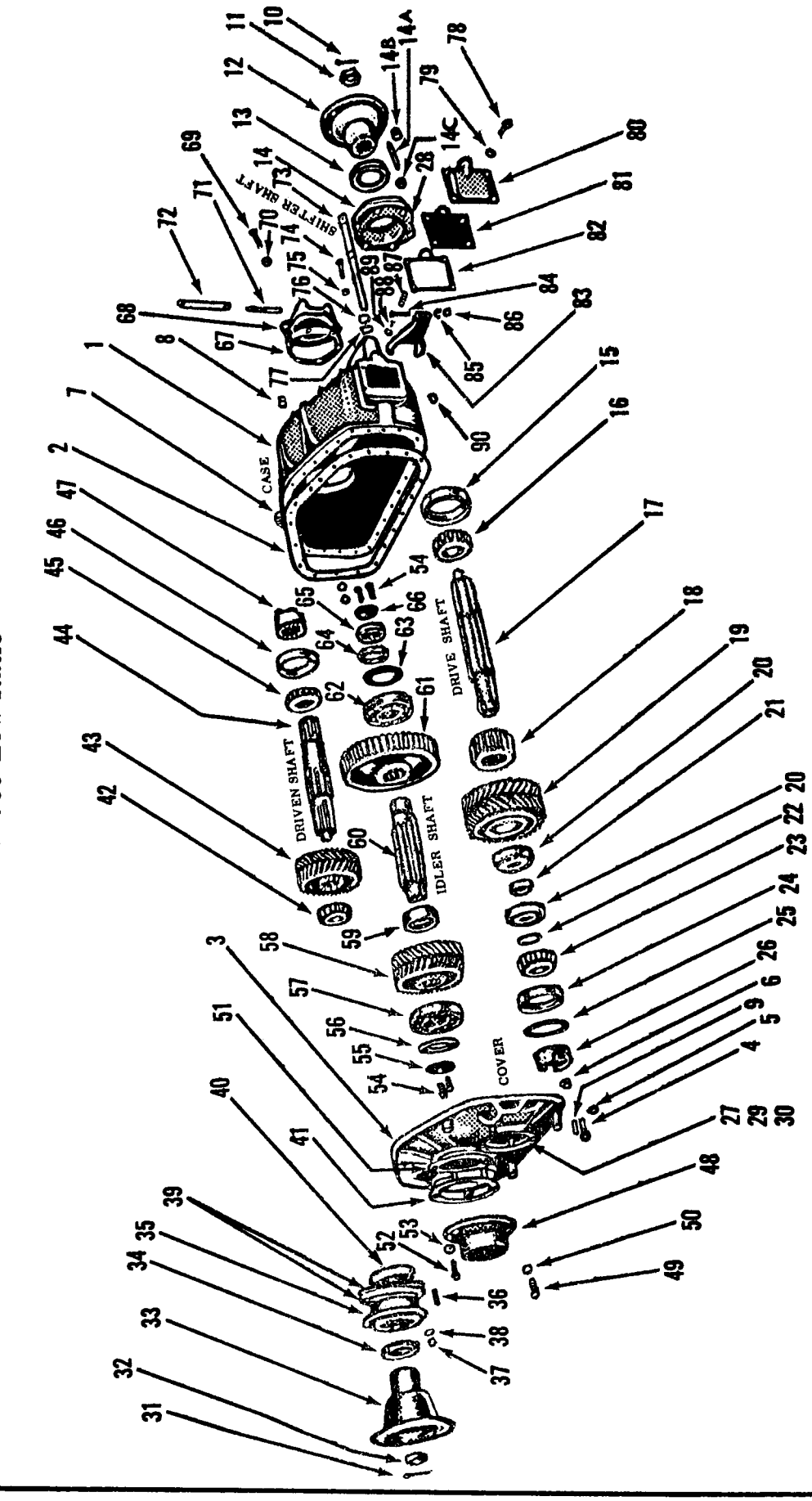

Figure 75. —— T-77-3-170 Transfer Case Assembly

T-77-3-170 TRANSFER CASE ASSEMBLY

ITEM	DESCRIPTION	QUANTITY A	B	C	D	PART NO.
	T-77-3-170 TRANSFER CASE Ratio's High 1.00-1, Low 2.55-1					
	Transfer Case Assembly (Complete)	1				38268
	Transfer Case - Less Flanges & P.T.O. Parts W/2.55-1 Low Ratio	1				501739
1	Case, Transfer	1				503868
2	Gasket, Trans. Case & Cover	1				11B7024
3	Cover, Transfer Case	1				7C10007
4	Capscrew, Transfer Case & Cover	2				503869
	Capscrew, Transfer Case & Cover	21				503870
5	Lockwasher, Transfer Case & Cover Capscrew	23				103321
6	Nut, Cover To Case Bolt	21				503871
7	Plug, Transfer Case Drain	1				19-12
8	Plug, Transfer Case Oil Filler	1				19-12
9	Taper Pin, Transfer Case & Cover	4				11A2334
*	Plug, Drain, Magnetic	1				502377
*	Nipple, Oil Filler					503872
*	Elbow, Oil Filler 90°	1				11A7084
*	Cap, Transfer Case Oil Filler Pipe	1				11A7289
	DRIVE SHAFT, GEARS AND BEARINGS					
10	Pin, Cotter, Drive Shaft Nut	1				103389
11	Nut, Drive Shaft	1				11A3045
12	Flange, Companion, Transfer Case Drive Shaft, Front	1				502799
13	Oil Seal, Drive Shaft	1				11A9494
14	Cap, Main Drive Shaft Front Bearing	1				11C7052
14A	Stud	6				1A7045
14B	Nut	6				271505
14C	Washer, Lock	6				103328
15	Cup, Main Shaft Front Bearing	1				2X6551B
16	Cone, Main Shaft Front Bearing	1				2X6551A
17	Shaft, Transfer Case Main Drive	1				503873
18	Gear, Drive Shaft Sliding (18 Teeth)	1				503874
19	Gear, Drive Shaft Direct Drive (32 Teeth)	1				11C7071
20	Bearing, Direct Driving Gear Idler	2				503875
21	Spacer, Drive Shaft, Direct Drive Gear Bearing	1				11A7041
22	Spacer, Main Shaft Rear Bearing	1				11A7042
23	Cone, Main Shaft Rear Bearing	1				500445
24	Cup, Main Shaft Rear Bearing	1				500108
25	Dam, Oil, P.T.O. Carrier	1				11B7097
26	Clutch, P.T.O. Driving	1				11C7215
27	Gasket, P.T.O. Carrier Bearing Cap	2				30457
28	Gasket, Main Shaft Front Bearing Cap	1				11B7026
29	Gasket, Main Shaft Rear Cap	1				11B7027
30	Shim, Main Shaft Rear Bearing Cap (.003)	AR				11B7021
	Shim, Main Shaft Rear Bearing Cap (.005)	AR				11B7022
	Shim, Main Shaft Rear Bearing Cap (.010)	AR				11B7023

T-77-3-170 TRANSFER CASE ASSEMBLY

ITEM	DESCRIPTION	QUANTITY A	B	C	D	PART NO.
	T-77-3-170 TRANSFER CASE (Continued)					
	Shim, Main Shaft Rear Bearing Cap (.020)	AR				11B7192
*	Stud, Main Shaft Rear Bearing Cap	2				30479
*	Lockwasher, Main Shaft Rear Bearing Cap Stud	2				500200
	DRIVEN SHAFT, GEARS AND BEARINGS					
31	Pin, Cotter, Driven Shaft Nut	1				103389
32	Nut, Driven Shaft Flange	1				11A3045
33	Flange, Companion, Transfer Case, Driven Shaft Rear	1				502799
34	Seal, Oil, Driven Shaft	1				11A9494
35	Cap, Driven Shaft Rear Bearing	1				11C7050
36	Stud, Driven Shaft Rear Bearing Cap	6				1A7045
37	Nut, 7/16" - 20 NF	6				271505
38	Washer, Lock, 7/16" Plain	6				103328
39	Shim, Driven Shaft Rear Bearing Cap (.003)	AR				11B7015
	Shim, Driven Shaft Rear Bearing Cap (.005)	AR				11B7016
	Shim, Driven Shaft Rear Bearing Cap (.010)	AR				11B7017
	Shim, Driven Shaft Rear Bearing Cap (.020)	AR				11B6284
40	Cup, Driven Shaft Rear Bearing	1				2X6551B
41	Gasket, Driven Shaft Rear Cap	1				11B7026
42	Cone, Driven Shaft Rear Bearing	1				2X6551A
43	Gear, Driven Shaft	1				11C7068
44	Shaft, Transfer Case, Driven	1				11C7066
45	Cone, Driven Shaft Front Bearing	1				2X6603A
46	Cup, Driven Shaft Front Bearing	1				10185
47	Clutch, Declutch Driving on Transfer Case Driven Shaft	1				11B7034
	IDLER GEAR, SHAFT AND BEARINGS					
48	Cover, Idler Shaft Rear Bearing	1				11C7058
49	Capscrew, Idler Shaft Bearing Cover	10				454933
50	Washer, Lock	10				103322
51	Gasket, Idler Cover	2				11B7026
52	Screw, Cap-(Short)	4				11A7310
	Screw, Cap-(Long)	2				11A7275
53	Washer, Lock	4				103322
54	Capscrew, Idler Shaft Bearing Lockwasher (2 Front, 2 Rear)	4				11A6786
55	Washer, Lock, Idler Shaft Rear Bearing	1				11A7038
56	Washer, Spacing, Idler Shaft Rear Bearing	1				11A7037
57	Bearing, Idler Shaft Rear	1				503876
58	Gear, Idler Shaft, (32 Teeth)	1				11C7068
59	Spacer, Idler Shaft Gear	1				11A7040
60	Shaft, Transfer Case Idler	1				11C7063
61	Gear, Idler Shaft, Low Speed (46 Teeth)	1				11C7069

T-77-3-170 TRANSFER CASE ASSEMBLY

ITEM	DESCRIPTION	QUANTITY A	B	C	D	PART NO.
	T-77-3-170 TRANSFER CASE (Continued)					
62	Bearing, Idler Shaft Front	1				503877
63	Washer, Idler Shaft Front Bearing Spacer	1				11A7034
64	Spacer, Speedometer Gear	1				11A7039
65	Gear, Speedometer Drive (3 Teeth)	1				503878
66	Washer, Lock, Idler Shaft Front Bearing	1				11A7035
67	Gasket, Idler Shaft Front Bearing Cover	1				11B7026
68	Cover, Idler Shaft Front Bearing	1				11C7057
69	Screw, Cap, Idler Shaft Bearing Lockwasher	4				500182
70	Washer, Lock	6				103322
71	Gear, Speedometer Driven	1				502866
72	Sleeve, Speedometer Driven Shaft Extension	1				502867
*	Lockwire, Idler Shaft Bearing Lockwasher Capscrew	2				500026
	SHIFTER SHAFTS, YOKES					
73	Shaft, Transfer Case Gear Shift	1				11B7029
74	Screw, Cap 7/16 - 14NC x 2 1/4 Long	2				11A7275
75	Washer, Lock, 7/16 Plain	6				103328
76	Retainer, Transfer Case Shift Shaft Packing	1				30506
77	Packing, Transfer Case Gear Shifting Shaft	1				500091
78	Screw, Cap, Transfer Case Shift Cover	4				501352
79	Washer, Lock	4				103321
80	Cover, Transfer Case Gear Shift	1				30563
	Breather Assembly	1				11A3582
81	Plate, Transfer Case Breather	1				11B7032
82	Gasket, Transfer Case Shift Cover	2				11B8629
83	Fork, Transfer Case Gear Shift	1				11B7054
84	Capscrew, Transfer Case Shift Fork Clamp	1				8A6353
85	Pin, Cotter, 3/32" x 1"	1				103374
86	Nut, Transfer Case Shift Fork Clamp Bolt	1				503879
87	Spring, Transfer Case Gear Shift Lock	1				24-134
88	Plunger, Transfer Case Shift Lock	1				30534
89	Ball, Transfer Case Shift Lock	1				500126
90	Nut, 3/8" - 24 NF	1				103026
*	Not Illustrated Items					
*	Key, Speed Drive Gear	1				503880
*	Cap, Speed Driven Gear Sleeve Paint	1				6B10043
*	Bushing, Speed Driven Gear	1				30474
*	Plug, Mounting Stud & Dowel Hole	10				503881

* #39182 SHIM SET - Contains the following items:

Pages 142-143

Item 30 - Shim, Main Shaft Rear Bearing Cap (.003) #11B7021 (AS Required)
- Shim, Main Shaft Rear Bearing Cap (.005)#11B7022 (As Required)
- Shim, Main Shaft Rear Bearing Cap (.010) #11B7023 (As Required)
- Shim, Main Shaft Rear Bearing Cap (.020) #11B7192 (As Required)

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Item 39 - Shim, Driven Shaft Rear Bearing Cap(.003) #11B7015 (As Required)
- Shim, Driven Shaft Rear Bearing Cap (.005) #11B7016 (As Required)
- Shim, Driven Shaft Rear Bearing Cap (.010)#11B7017 (As Required)
- Shim, Driven Shaft Rear Bearing Cap (.020) #11B6284 (As Required)

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Item 11 - Shim, Declutch Shaft Bearing Spacer (.163 thick) #8A10036 (As Required)
- Shim, Declutch Shaft Bearing Spacer (.167 thick) #8A10037 (As Required
- Shim, Declutch Shaft Bearing Spacer (.171 thick) #8A10038 (As Required
- Shim, Declutch Shaft Bearing Spacer (.175 thick) #8A10039 (As Required
- Shim, Declutch Shaft Bearing Spacer (.179 thick) #11B7020 (As Required
- Shim, Declutch Shaft Bearing Spacer (.184 thick) #11B7038 (As Required
- Shim, Declutch Shaft Bearing Spacer (.189 thick)#11B7019 (As Required)
- Shim, Declutch Shaft Bearing Spacer (.194 thick) #11B7018 (As Required
- Shim, Declutch Shaft Bearing Spacer (.199 thick) #502877 (As Required)
- Shim, Declutch Shaft Bearing Spacer - (.204 thick) #502880 (As Required

#39136 GASKET SET - CONSISTS OF THE FOLLOWING ITEMS:

Page 142,

Item 2-Gasket, Trans. Case & Cover, #11B702 (Qty 1)
Item 27 - Gasket, P.T.O. Carrier Bearing Cap, #30457 (Qty. 2)
Item 28 - Gasket, Main Shaft Front Bearing Cap, #11B7026 (Qty 1)
Item 29 - Gasket, Main Shaft Rear Cap, #11B7027 (Qty 1)

* #39178 BEARING SET - Consists of the following items:

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Item 15 - Cup, Main Shaft Front Bearing, #2X6551B, (1 Qty)
Item 16 - Cone, Main Shaft Front Bearing, #2X6551A (1 Qty)
Item 20 - Bearing, Direct Driving Gear, Idler, #503875 (2 Qty)
Item 23 - Cone, Main Shaft Rear Bearing, #500445 (1 Qty)
Item 24 - Cup, Main Shaft Rear Bearing, #500108 (1 Qty)

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Item 40 - Cup, Driven Shaft Rear Bearing, #2X6551B (1 Qty)
Item 42 - Cone, Driven Shaft Rear Bearing, #2X6551A (1 Qty)
Item 45 - Cone, Driven Shaft Front Bearing #2X6603A (1 Qty)
Item 46 - Cup, Driven Shaft Front Bearing, #10185 (1 Qty)
Item 57 - Bearing, Idler Shaft Rear, #503876 (1 Qty)

Page 144

Item 62 - Bearing, Idler Shaft Front, #503877 (1 Qty)

Page 146

Item 8 - Cone, Declutch Shaft Bearings, #500967 (2 Qty)
Item 9 - Cup, Declutch Shaft Bearings, #500443 (2 Qty)

Page 143,

Item 41 - Gasket, Driven Shaft Rear Cap, #11B7026 (Qty 1)
Item 51 - Gasket, Idler Cover #11B7026 (Qty 2)

Page 144,

Item 67 - Gasket, Idler Shaft Front Bearing Cover #11B7026 (Qty 1)
Item 82 - Gasket, Transfer Case Shift Cover, #11B8629 (Qty 2)

Page 146 - Declutch Assembly and Parts

Item 1 - Gasket, Declutch Carrier to Case, #11B7026 (Qty 1)
Item 10 - Gasket, Declutch Carrier Cap, #11B7028 (Qty 1)

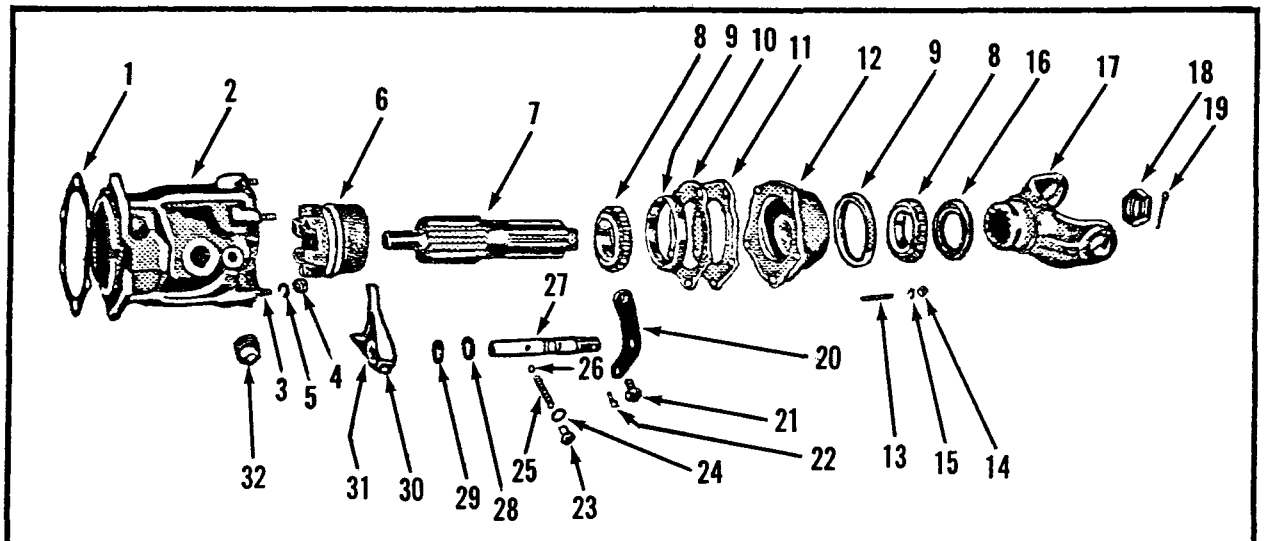


Figure 76.-Declutch Assembly And Parts
T-77-3-170 Transfer Case Assembly

DECLUTCH ASSY. & PARTS
T-77-3-170 TRANSFER CASE ASSY

ITEM	DESCRIPTION	QUANTITY				PART NO.
		A	B	C	D	
	DECLUTCH ASSEMBLY AND PARTS					
1	Gasket, Declutch Carrier To Case	1				11B7026
2	Carrier, Declutch Shaft Bearing	1				11C7048
3	Stud, Declutch Carrier To Case	6				1A7045
4	Nut, 7/16-20 NF, Declutch Carrier To Case	6				271505
5	Washer, Lock, 7/16 Plain	6				103328
6	Clutch, Declutch Sliding	1				11B7033
7	Shaft, Front Axle Declutch	1				11C7067
8	Cone, Declutch Shaft Bearings	2				500967
9	Cup, Declutch Shaft Bearings	2				500443
10	Gasket, Declutch Carrier Cap	1				11B7028
11	Shim, Declutch Shaft Bearing Spacer (.163 Thick)	AR				8A10036
	Shim, Declutch Shaft Bearing Spacer (.167 Thick)	AR				8A10037
	Shim, Declutch Shaft Bearing Spacer (.171 Thick)	AR				8A10038
	Shim, Declutch Shaft Bearing Spacer (.175 Thick)	AR				8A10039
	Shim, Declutch Shaft Bearing Spacer (.179 Thick)	AR				11B7020
	Shim, Declutch Shaft Bearing Spacer (.184 Thick)	AR				11B7038
	Shim, Declutch Shaft Bearing Spacer (.189 Thick)	AR				11B7019
	Shim, Declutch Shaft Bearing Spacer (.194 Thick)	AR				11B7018
	Shim, Declutch Shaft Bearing Spacer (.199 Thick)	AR				502877
	Shim, Declutch Shaft Bearing Spacer (.204 Thick)	AR				502880
12	Cap, Declutch Shaft Carrier	1				11C7054
13	Stud, Declutch Carrier Cap	5				11A7046
14	Nut, Declutch Carrier Cap Stud	5				503871
15	Washer, Lock, Declutch Carrier Cap Stud Nut	5				131099
16	Seal, Oil, Declutch Carrier Cap	1				11A9494
17	Flange, Declutch Driver Shaft	1				502799
18	Nut	1				11A3045
19	Pin, Cotter	1				103389
20	Lever, Transfer Case Declutch Shift	1				37475
*	Stud	1				105-66
*	Nut, Lever To Stud	1				53-84
*	Pin, Clevis, 1/4 Stud	1				138083
*	Pin, Cotter, 1/16 x 7/16	1				137130
21	Screw, Cap, Declutch Shift Lever	1				503834
22	Pin, Front Axle Declutch Shift Lever Link	1				11A7308
*	Cotter Pin, Declutch Shift Lever Pin	1				103361
23	Screw, Declutch Shift Shaft	1				11A7044
24	Washer, Lock, Declutch Shift Lock Screw	1				500200
25	Spring, Declutch Shift Lock	1				11B7037
26	Ball, Declutch Shift Lock	1				30466
*	Bushing, Declutch Shaft Pilot	1				11A7033
27	Shaft, Declutch Shift	1				11B7030
*	Spacer, Declutch Shaft	1				12A7175
28	Retainer, Declutch Shift Packing	1				11A7032
*	Screw, Declutch Driving Clutch Lock	1				11A6784
29	Packing, Declutch/Shift Shaft	1				11A7048
30	Screw, Declutch Shift Fork	1				11A7049
31	Fork, Declutch Shift	1				11B7036
32	Plug, Declutch Carrier	1				500197
*	Cover (Used when furnished without power take-off assembly)	1				11B6285
*	Not Illustrated Items					
AR	As Required					

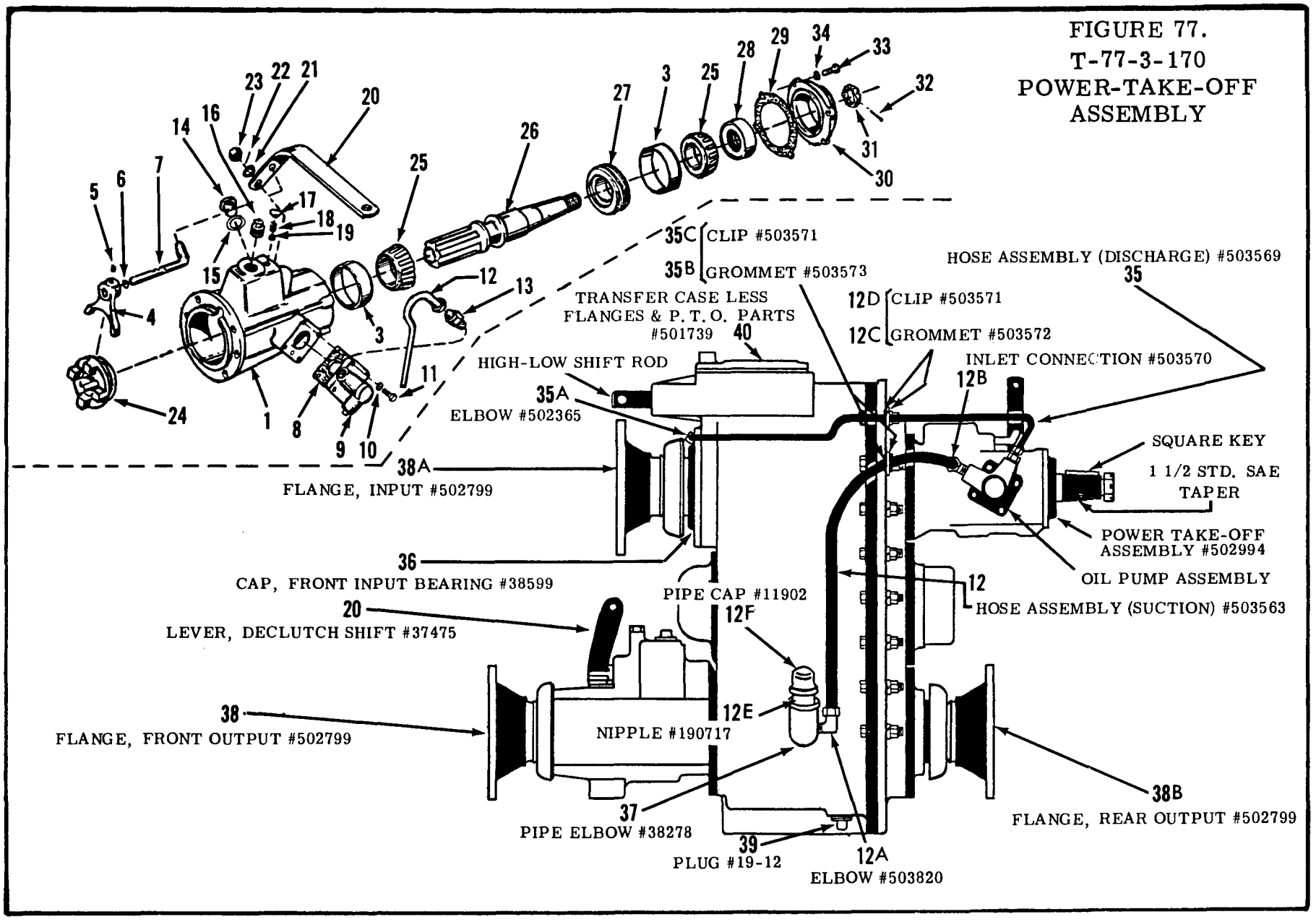
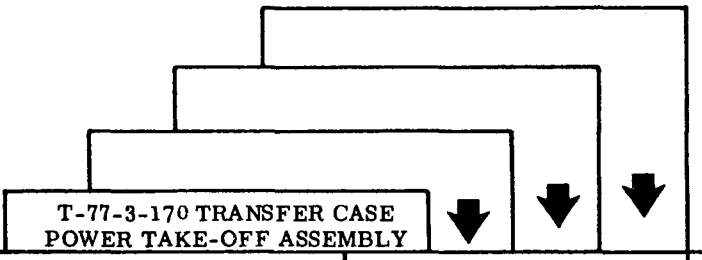


FIGURE 77.
T-77-3-170
POWER-TAKE-OFF
ASSEMBLY
TRANSFER CASE LESS
FLANGES & P.T.O. PARTS
#501739
35C CLIP #503571
35B GROMMET #503573
12D CLIP #503571
12C GROMMET #503572
HOSE ASSEMBLY (DISCHARGE) #503569
35
INLET CONNECTION #503570
12B
HIGH-LOW SHIFT ROD
40
35A
ELBOW #502365
SQUARE KEY
1 1/2 STD. SAE
TAPER
POWER TAKE-OFF
ASSEMBLY #502994
OIL PUMP ASSEMBLY
38A
FLANGE, INPUT #502799
36
CAP, FRONT INPUT BEARING #38599
PIPE CAP #11902
12
HOSE ASSEMBLY (SUCTION) #503563
20
LEVER, DECLUTCH SHIFT #37475
12F
38
FLANGE, FRONT OUTPUT #502799
12E
NIPPLE #190717
38B
FLANGE, REAR OUTPUT #502799
37
PIPE ELBOW #38278
39
PLUG #19-12
12A
ELBOW #503820



ITEM	DESCRIPTION	QUANTITY				PART NO.
		A	B	C	D	
	POWER TAKE-OFF W/OIL PUMP ASSEMBLY—COMPLETE	1				502994
1	Carrier, P.T.O.	1				503859
*	Oil Dam, P.T.O. Carrier	1				11B7097
*	Gasket, P.T.O. Carrier	1				11B7027
*	Shim, P.T.O. Carrier	3				11B7023
*	Bushing, Speed Driven Gear	1				30474
*	Stud, Carrier To Case	2				30479
*	Nut, Carrier To Case Stud	2				271505
*	Capscrew, P.T.O. Carrier To Case	4				193221
*	Lockwasher, Carrier To Case Stud	2				500200
3	Cup, P.T.O. Bearing	2				500193
4	Fork, P.T.O. Shift	1				30469
5	Screw, Shift Fork Lock Slotted Head, 5/16-24	1				500192
6	"O" Ring, Shift Shaft	1				500190
7	Shaft, P.T.O. Shift	1				503860
*	Seal, Oil, P.T.O. Shift Shaft	1				503861
*	Cotterpin, Shift Shaft	1				103373
*	Key, P.T.O. Shaft	1				500191
8	Gasket, Oil Pump	2				30458
9	Oil Pump Assembly	1				37619
*	Oil Pump Body	1				503862
*	Ball, Oil Pump Check Valve	2				30466
*	Spring, Oil Pump	1				30464
*	Spring, Outlet Release Ball	1				30467
*	Plug, Outlet Ball, Square Head	1				103866
*	Plunger, Oil Pump	1				503863
*	Fitting, Oil Pump Outlet Elbow	1				65-17
*	Fitting, Oil Pump Outlet	1				54-26
*	Fitting, Oil Pump Outlet Tube (Discharge)	2				53-125
10	Lockwasher, Oil Pump	4				103320
11	Capscrew, Oil Pump To Carrier	4				503864
12	Hose Assembly (Suction) Oil Pump Inlet	1				503563
12A	Elbow - 90° Male, Oil Pump Inlet	1				503820
12B	Inlet Connection, Oil Pump 90°	1				503570
12C	Grommet, Hose, Inlet Oil Tube	1				503572
12D	Clip, Grommet, Oil Tube	1				503571
12E	Nipple	1				190717
12F	Pipe Cap	1				119102
13	Adapter, Oil Pump Body	1				503865
*	Check Valve Assembly	1				502863
*	Body, Brass	1				30608
*	Ball, 3/8" Dia.	1				30466
*	Spring	1				30467
*	Washer	1				501334
*	Screw	1				30609
14	Plug, Governor Drive Hole 13/16-20	1				500198
15	Gasket, Speedometer Plug	1				30459
16	Plug, Carrier	1				500197

T-77-3-170 TRANSFER CASE POWER TAKE-OFF ASSEMBLY

ITEM	DESCRIPTION	QUANTITY A	B	C	D	PART NO.
	POWER TAKE-OFF W/OIL PUMP ASSEMBLY COMPLETE (Continued)					
17	Screw, Shift Shaft Lock Spring	1				500189
*	Washer, Declutch Shift Spring Screw	1				500196
18	Spring, Shift Shaft Lock	1				30470
19	Ball, Shift Shaft Lock	1				30451
20	Lever, Declutch P.T.O. Shift	1				37475
*	Stud, Shift Lever	1				30473
*	Washer, Shift Lever	1				500203
21	Washer, Shift Lever Stud	1				500188
22	Cotterpin, Shaft Lever Stud Nut	1				103373
23	Nut, Shift Lever Stud	1				427621
24	Clutch, P.T.O. Sliding	1				30468
*	Clutch, P.T.O. Driving	1				503850
*	Set Screw	1				503849
25	Cone, P.T.O. Bearing	2				500194
26	Shaft, P.T.O.	1				503866
27	Gear, Speedometer Drive (3 Teeth)	1				503878
28	Seal, Oil, P.T.O. Shaft	1				30477
29	Gasket, Carrier Bearing Cap	2				30457
	Shim, P.T.O. Bearing Cap (.003)	AR				30454
	Shim, P.T.O. Bearing Cap (.005)	AR				30455
	Shim, P.T.O. Bearing Cap (.010)	AR				30456
	Shim, P.T.O. Bearing Cap (.010)	AR				11B7023
	Cap Assembly, P.T.O.	1				30475
30	Cap, P.T.O. Shaft Bearing	1				30476
31	Nut, P.T.O. Shaft	1				500195
32	Cotterpin, P.T.O. Shaft Nut	1				103387
33	Capscrew, Carrier Cap	4				100121
34	Lockwasher, Carrier Cap Capscrew	4				103320
35	Hose Assembly (Discharge) Oil Pump Outlet	1				503569
35A	Elbow 90°, Inverted Flare Oil Pump Outlet	1				502365
35B	Grommet, Hose	1				503573
35C	Clip, Grommet, Oil Tube	1				503571
36	Cap, Front Input Bearing	1				38599
37	Pipe Elbow, Modification	1				38278
38	Flange	1				502799
38A	Flange, Input	1				502799
38B	Flange, Rear	1				502799
39	Plug, Drain	1				19-12
40	Transfer Case, Less Flanges & P.T.O.	1				501739
*	Tag, Oil Instruction	1				30452

#39137 GASKET SET - CONSISTS OF THE FOLLOWING ITEMS:

* - Gasket, P.T.O. Carrier #11B7027 (Qty 1

Item 8 - Gasket, Oil Pump, #30458 (Qty 2)

* #39171 BEARING SET - Consists of the following items:

Page 148

Item 3 - Cup, PTO Bearing, #500193 (2 Qty)

Page 149-

Item 25 - Cone, PTO Bearing, #500194 (2 Qty)

* #39197 SEAL SET - Contains the following items:

Page 148

* - Seal, Oil, PTO Shift Shaft #503861 (Qty 1)

Page 149

Item 28 - Seal, Oil, PTO Shaft #30477 (Qty 1)

#39183 SHIM SET - Consists of the following items:

Page 148

Under Item 1

* - Shim, PTO Carrier #11B7023(Qty 3)

Page 149

Under Item 29 - Shim PTO Bearing Cap (.003) #30454 (As Required)

- Shim, PTO Bearing Cap (.005) #30455 (As Required)

- Shim, PTO Bearing Cap (.010) #30456 (As Required)

- Shim, PTO Bearing Cap (.010) #11B7023 (As Required)

Item 15 - Gasket (Speedometer plug) #30459 (Qty 1)

Item 29 - Gasket (Carrier Bearing Cap) #30457 (Qty 2)

* Parts Not Illustrated

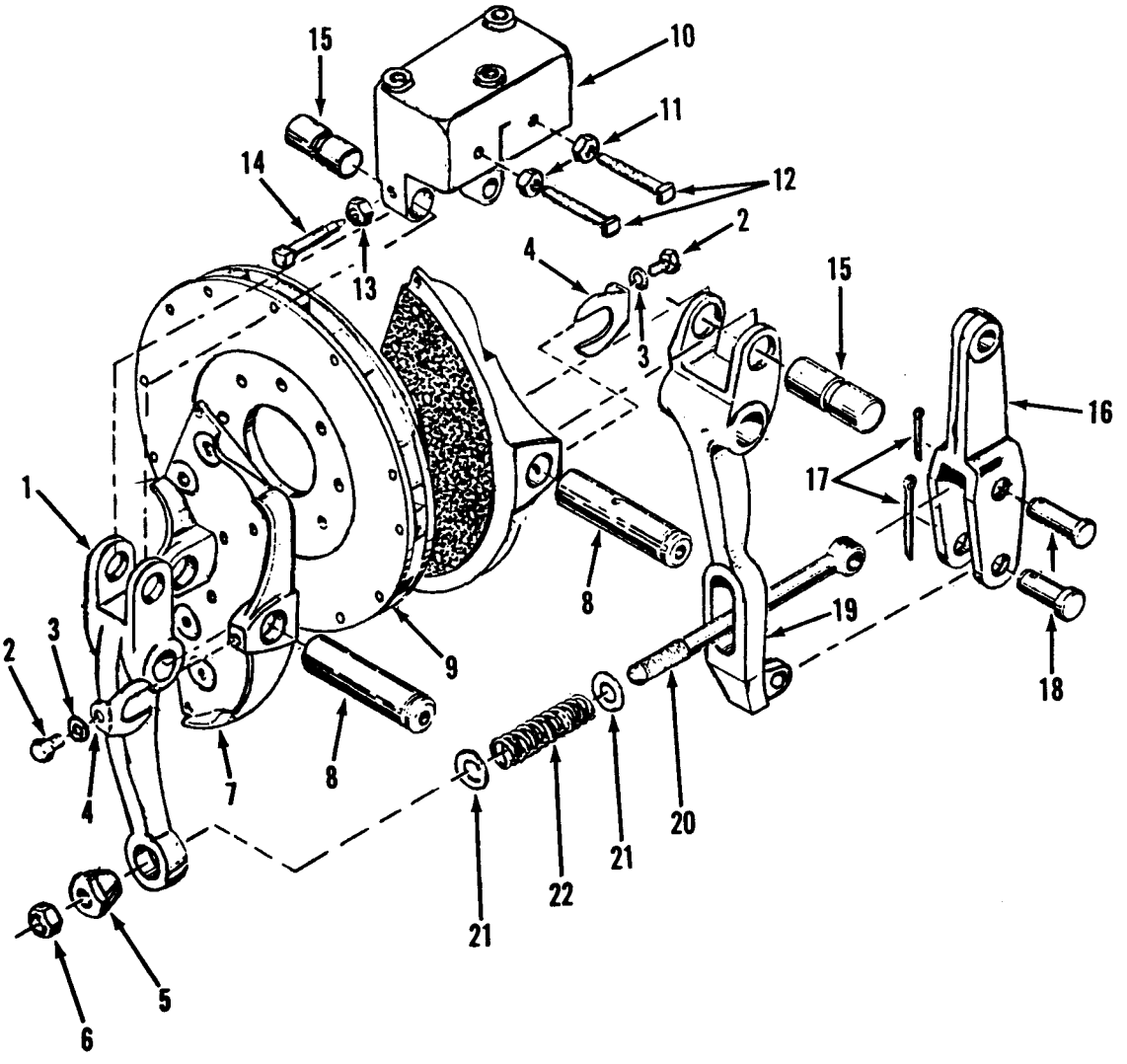


FIG. 78. - EMERGENCY BRAKE MODEL 306-M

MODEL 306-M EMERGENCY BRAKE-FOR T-76-2, T-77-3-170 TRANSFER CASE ASSEMBLY

ITEM	DESCRIPTION	QUANTITY				PART NO.
		A	B	C	D	
	EMERGENCY BRAKE-MODEL 306-M FOR T-76-2,					
	T-77-3-170 TRANSFER CASE ASSEMBLY.					
	Complete Brake Assembly				1	501539
1	Arm, Brake Lever Rear				1	502403
*	Bushing				2	502405
2	Bolt				2	180075
3	Lockwasher				2	120638
4	Retainer-Brake Shoe Pin				2	502406
5	Nut, Spherical				1	502407
6	Nut				1	103028
7	Shoe and Lining Ass'y-Brake				2	502408
	Shoe, Brake				2	502409
	Lining, Brake				2	502410
	Rivet				16	9416305
8	Pin, Brake Shoe				2	502411
	Fitting, Grease				2	191758
9	Disc Ass'y.-Brake				1	501540
10	Bracket, Brake Anchor				1	502412
11	Nut, Adjusting Screw				2	120377
12	Screw-Brake Shoe Adjusting				2	502413
13	Nut-Lock Screw				2	120376
14	Screw, Anchor Pin				2	502414
15	Anchor Pin				2	502415
16	Lever Brake Operating				1	502024
17	Pin, Cotter				2	108630
18	Pin, Clevis				2	138080
19	Arm, Lever Front				1	502404
*	Bushing				2	502405
20	Rod, Brake Lever Arm Tie-				1	502025
21	Washer				2	103343
22	Spring, Brake Release				1	502416
*	Spring, Brake Shoe				1	502417
*	Not Illustrated Items					
	For Service Order:					
	Brake Relining Kit #37649 Consists of the Following					
	Items:					
	Lining Brake #502410-(2) Rivet #9416305-(16)					