FIATALLIS®

161 Tractor Scraper-Specification

73112987

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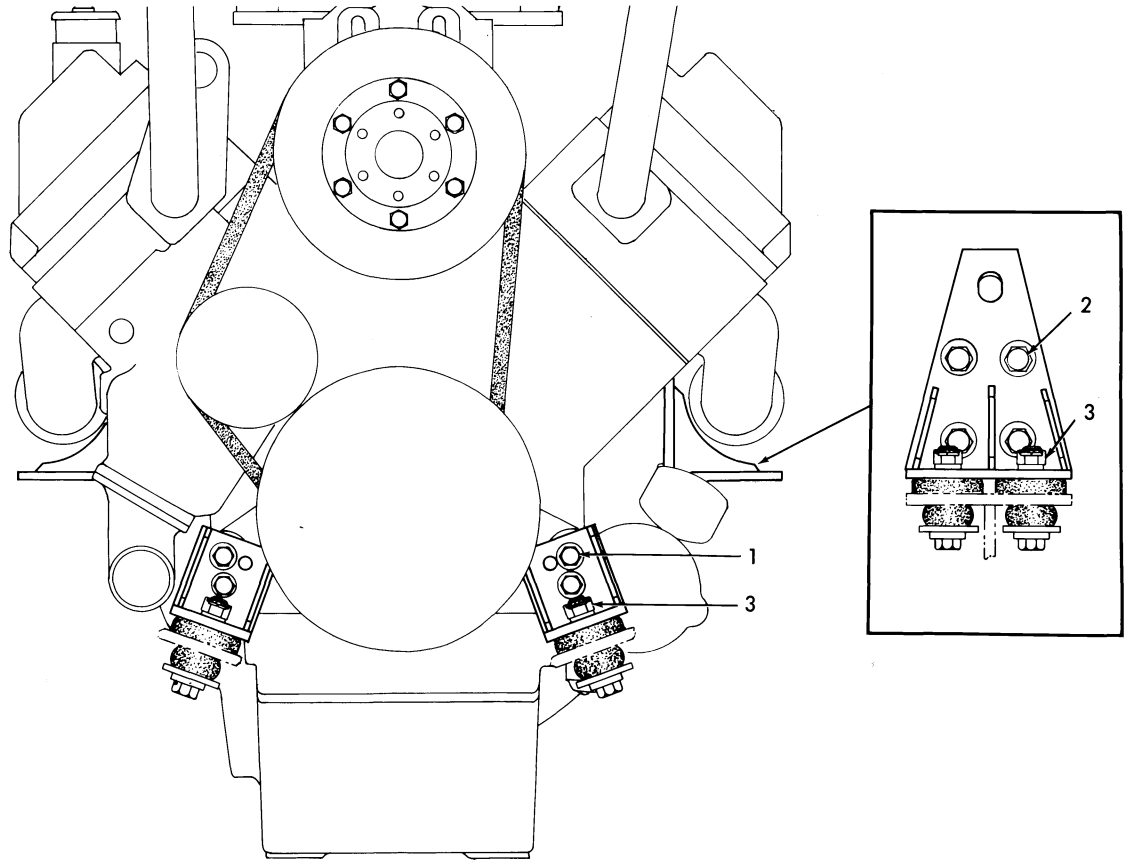
Study SAFETY RULES, pages I thru III, thoroughly for the protection of personal and machine safety.

10.1



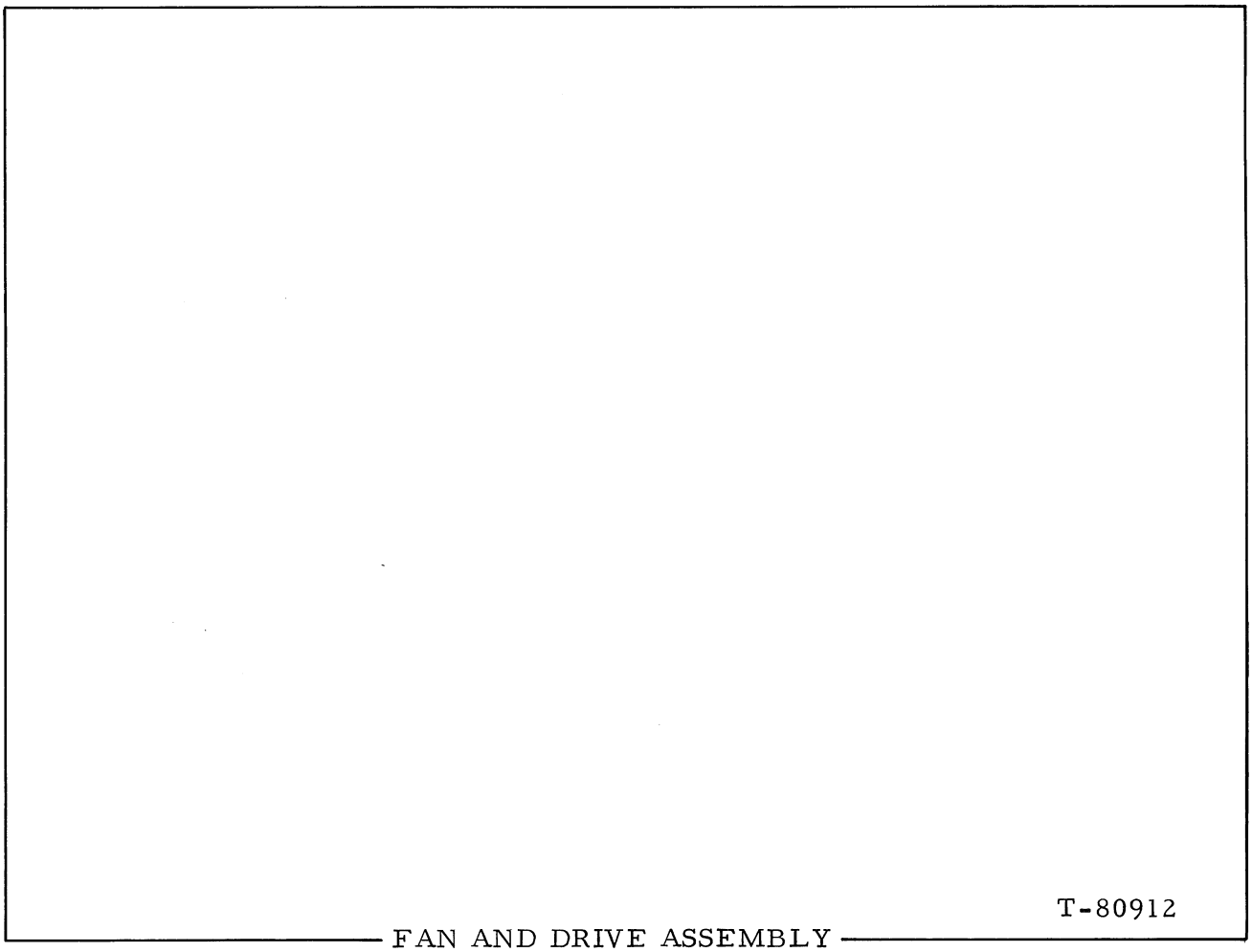
ENGINE MOUNTS

1. Torque capscrew to - - - - - - - - - - - - - 90 - 100 lb. ft. (12.6 - 14.0 m-kg)
2. Torque capscrew to - - - - - - - - - - - - - 170 - 187 lb. ft. (23.8 - 26.2 m-kg)
3. Torque nut to - - - - - - - - - - - - - - - - - 95 - 105 lb. ft. (13.3 - 14.7 m-kg)

GENERAL

* Make	Cummins
Model	V-903-C265
Number of cylinders	8
Bore and stroke	5.50" x 4.75" (139.7 x 120.6 mm)
Displacement	903 cu in. (14.8 lit.)
Governed speeds	
Full load	2200 rpm
No load	2375-2420 rpm
Idle	550-650 rpm
Converter stall rpm	2010-2070

* Refer to your local Cummins dealer for engine service specifications and manuals.



T-80912

FAN AND DRIVE ASSEMBLY

1. Torque spacer capscrews to - - - - - - - 90 - 100 lb.ft. (12.6 - 14.0 m-kg)
2. Torque fan capscrews to - - - - - - - - - - 35 - 39 lb.ft. (4.9 - 5.5 m-kg)

TRANSMISSION, TORQUE CONVERTER AND DRIVE SHAFT

SPECIFIED PRESSURES AND FLOWS

PRESSURE (PSI) / SHIFT LEVER POSITION	MAIN	CONVERTER		LUBE	LOCK - UP CLUTCH		PITOT		TRANSMISSION CLUTCHES					
		1000 RPM	High Idle (lock-up clutch applied)		Press.	RPM	1000 RPM	High Idle	3rd 6th	Rev.	2nd 5th	1st 4th	1st 2nd 3rd Rev.	4th 5th 6th
NEUTRAL	195-215	60-65	35-40	20-30	195-215	1850 1550 1600	7 - 8	36-38						
1 FWD	195-215			20-30								195-215	195-215	
2 FWD	195-215			20-30							195-215		195-215	
3 FWD	195-215			20-30					195-215				195-215	
4 FWD	195-215			20-30								195-215		195-215
5 FWD	195-215			20-30							195-215			195-215
6 FWD	195-215			20-30					195-215					195-215
REV.	195-215			20-30						195-215			195-215	

SHIFT LEVER POSITION / FLOW (GPM)	NEUT.	REV.	1ST	2ND	3RD	4TH	5TH	6TH
TRANSMISSION PUMP	29 - 36							
VENTURI PUMP	2							
* TRANSMISSION CLUTCH APPLY		1.6	1.6	1.6	1.6	1.6	1.6	1.6
TORQUE CONVERTER IN	31	31	31	31	31	31	31	31
TORQUE CONVERTER OUT	29							

* Two clutches engaged

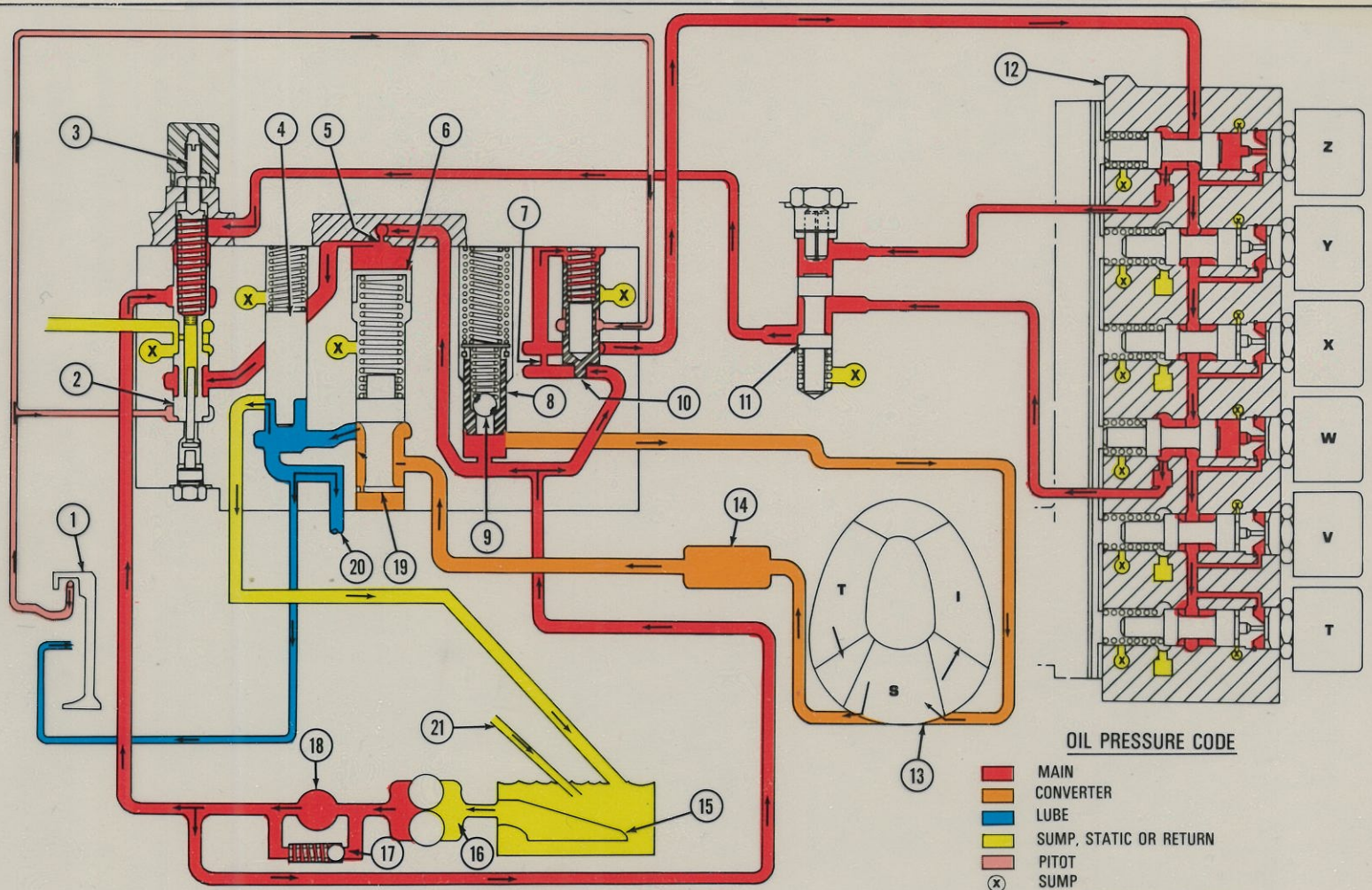
1 psi = 0.07 kg/cm^2
1 gpm = 3.78 lit/min

HYDRAULIC SYSTEM WORK SHEET

PRESSURE (PSI) / SHIFT LEVER POSITION	MAIN	CONVERTER		LUBE	LOCK - UP CLUTCH		PITOT	TRANSMISSION CLUTCHES					
		1000 RPM	High Idle (lock-up clutch applied)		Press.	RPM	1000 RPM High Idle	3rd 6th	Rev.	2nd 5th	1st 4th	1st 2nd 3rd Rev	4th 5th 6th
NEUTRAL													
1 FWD													
2 FWD													
3 FWD													
4 FWD													
5 FWD													
6 FWD													
REV.													

SHIFT LEVER POSITION FLOW (GPM)	NEUT.	REV.	1ST	2ND	3RD	4TH	5TH	6TH
TRANSMISSION PUMP								
VENTURI PUMP								
* TRANSMISSION CLUTCH APPLY								
TORQUE CON— VERTER IN								
TORQUE CON— VERTER OUT								

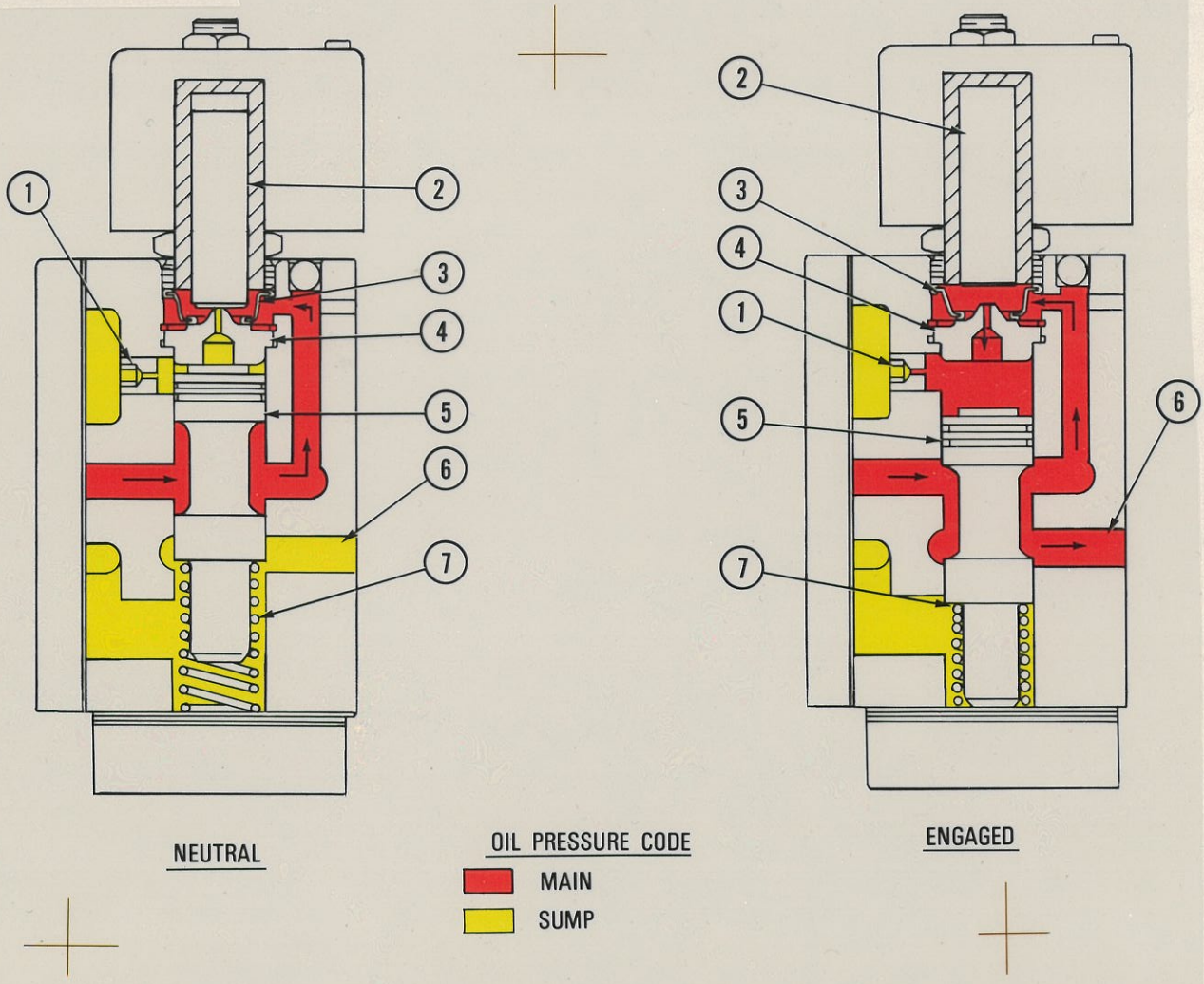
* Two clutches engaged



1. Pitot spinner
2. Lock-up clutch valve
3. Lock-up adjustment screw
4. Transmission lube pressure regulator
5. .06" (1.5 mm) orifice
6. Converter pressure boost piston
7. .25" (6.3)orifice
8. Main pressure regulator
9. Cold oil relief
10. Flow sensing valve
11. Lock-up clutch lock-out valve
12. Hydraulic range selector valve
13. Torque converter
14. Heat exchanger
15. Suction line screen
16. Hydraulic pump
17. Filter by-pass valve
18. Oil filter
19. Converter pressure regulator
20. Transmission lube oil supply
21. From converter housing

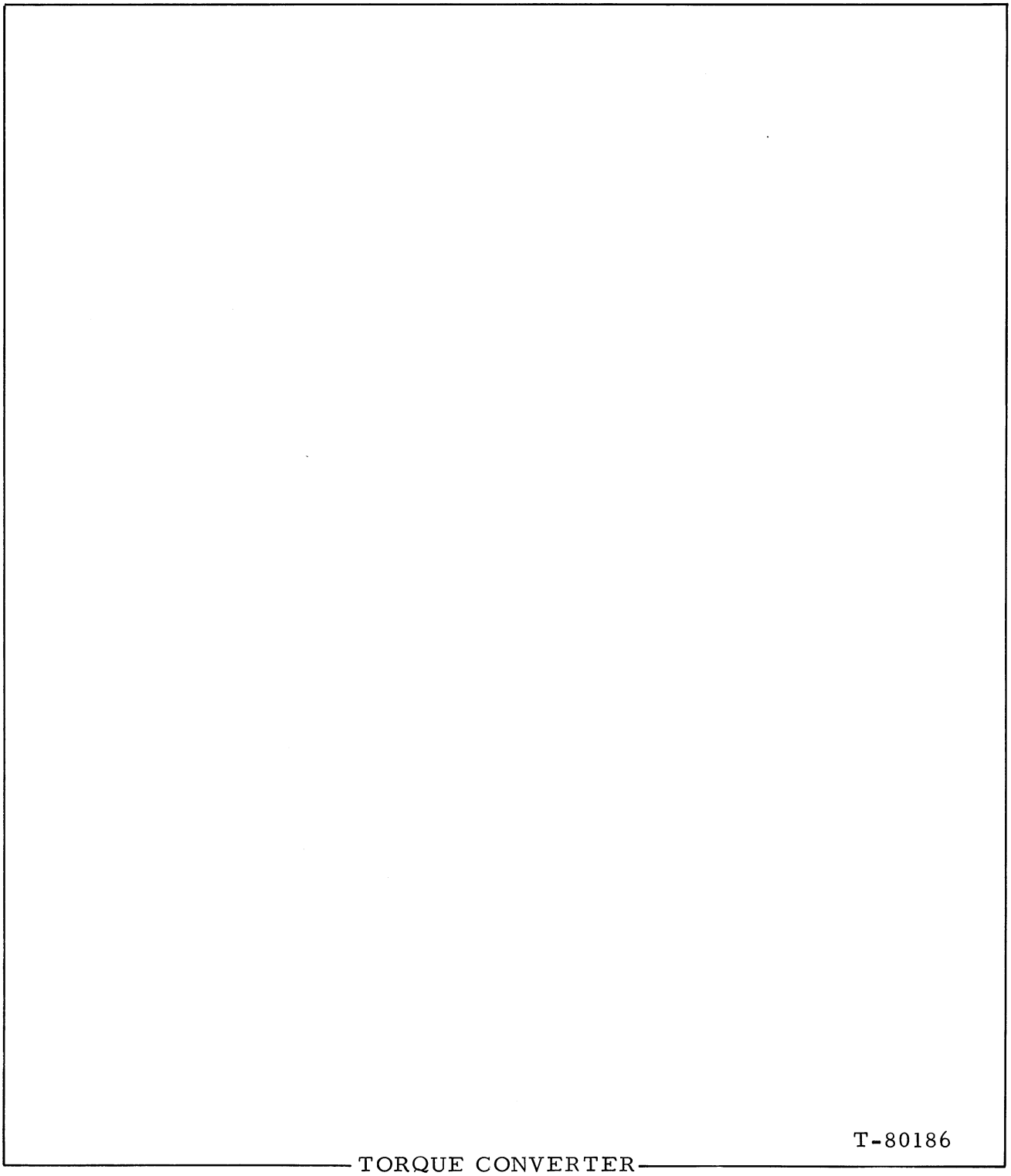
T-78344

OIL FLOW SCHEMATIC - 1st FORWARD



OPERATION OF RANGE VALVE SPOOLS

1. Orifice plug
2. Solenoid armature
3. Filter screen
4. Valve seat
5. Range spool
6. Outlet to clutch
7. Spool return spring



T-80186

TORQUE CONVERTER

1. Bearing retainer capscrew - - - - - - - - - 38 - 42 lb.ft. (5.3 - 5.8 m-kg)
2. Pump mounting capscrews - - - - - - - - - 38 - 42 lb.ft. (5.3 - 5.8 m-kg)
3. Yoke retaining capscrew - - - - - - - - - - 177 - 195 lb. ft. (24.8 - 27.3 m-kg)
4. Seal carrier capscrews - - - - - - - - - - - 38 - 42 lb.ft. (5.3 - 5.8 m-kg)

(Continued)

TORQUE CONVERTER (Continued)

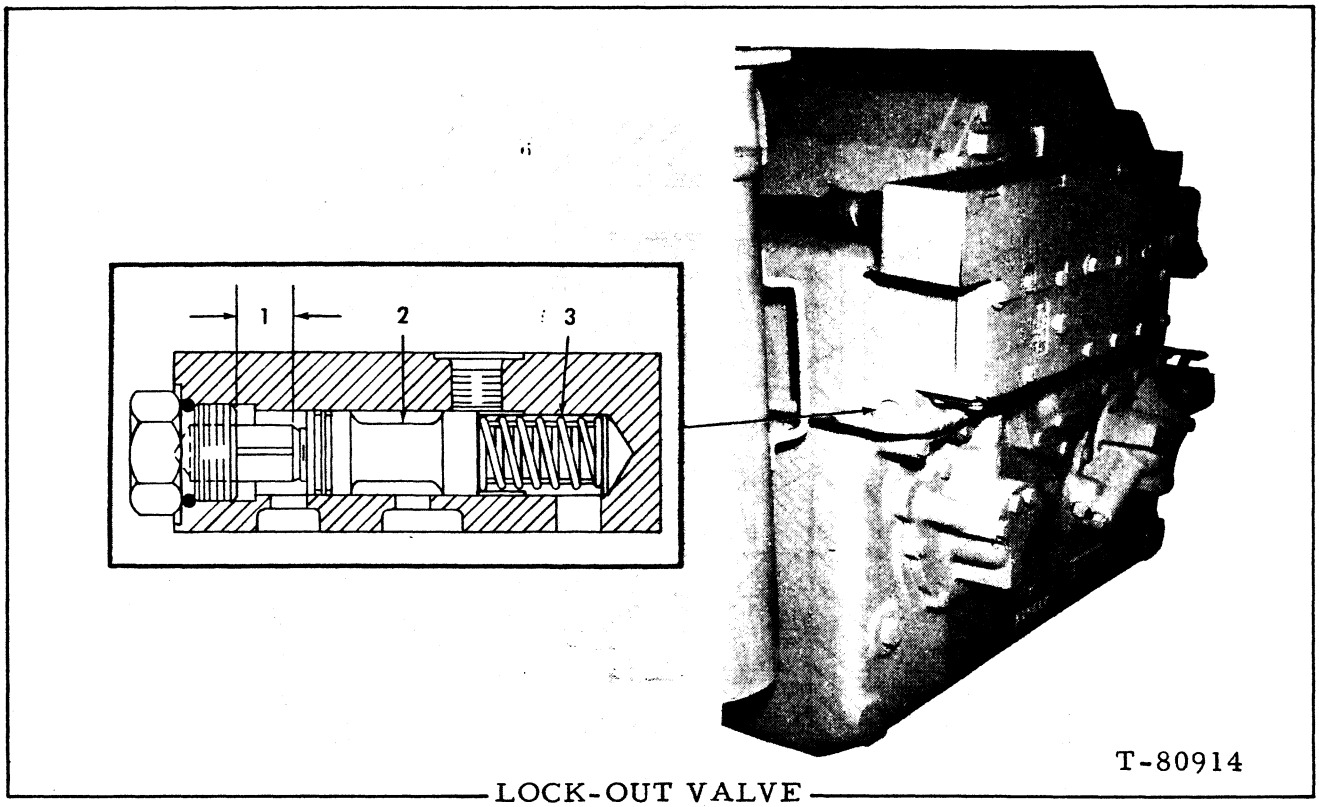
5.	Cover mounting capscrews	86 - 95 lb. ft. (12.0 - 13.3 m-kg)
6.	Impeller wheel capscrews	21 - 24 lb. ft. (2.9 - 3.4 m-kg)
7.	Impeller hub capscrews	86 - 95 lb. ft. (12.0 - 13.3 m-kg)
8.	Turbine wheel hub capscrews	86 - 95 lb. ft. (12.0 - 13.3 m-kg)
9.	Plate mounting capscrews	38 - 42 lb. ft. (5.3 - 5.8 m-kg)
10.	Washer retaining capscrews	38 - 42 lb. ft. (5.3-5.8 m-kg)
11.	Flywheel pilot orifice size	.040" (1.02 mm)
12.	Bushing I. D. (Installed)	4.053" - 4.057" (102.95 - 103.5 mm)
13.	Clutch plate	
	Thickness of friction plate	.187" - .193" (4.75 - 4.90 mm)
	Depth of oil grooves	.015" - .023" (0.43 - 0.58 mm)
	Maximum allowable dish	.010" (0.25 mm)
14.	Ring gear capscrews	35 - 39 lb. ft (4.9 - 5.5 m-kg)
15.	Converter mounting capscrews	55 - 60 lb. ft. (7.7 - 8.4 m-kg)

Transmission, Torque Converter and Drive Shafts

T-80913

TRANSMISSION MOUNTS

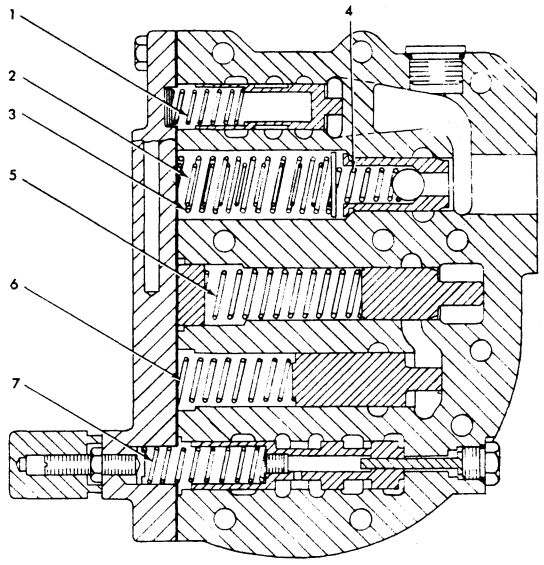
1. Transmission mounting capscrews - - - - 45 - 55 lb.ft. (6.2 - 7.6 m-kg)
2. Bracket attaching capscrews - - - - - - 210 - 230 lb.ft. (29.0 - 31.8 m-kg)



LOCK-OUT VALVE

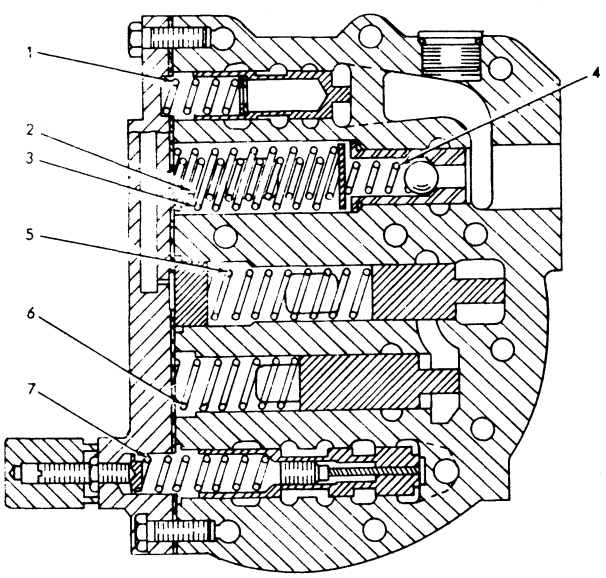
1. Approximate dimension when pin is fully seated	.62" (15 mm)
2. Lock-out valve spool loose fit in bore	.0005" - .002" (0.01 - 0.05 mm)
3. Lock-out valve spring	
Approximate	2.23" (56.64 mm)
Load when compressed to 1.26" (32.0 mm)	15 - 17 lbs. (6.7 - 7.6 kg)
Load when compressed to .88" (22.35 mm)	21 - 23 lbs. (9.4 - 10.3 kg)

Transmission, Torque Converter and Drive Shafts



Early Model

T-80915



Late Model

T-84156

PRESSURE REGULATING VALVE

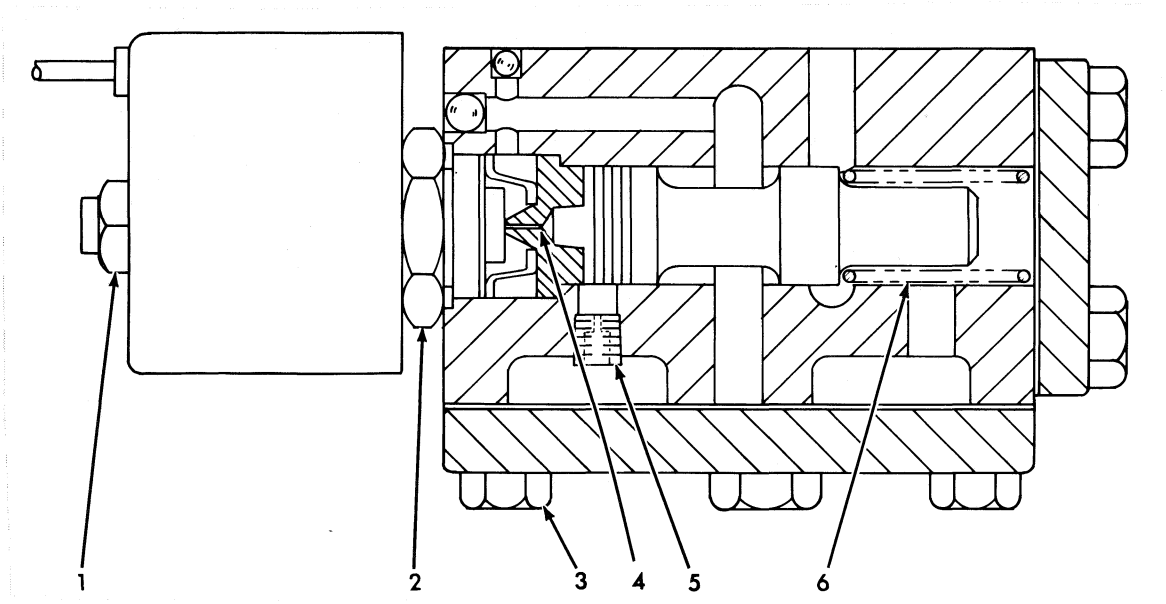
1. Flow sensing valve spring
   - Approximate free length - - - - - - - - 1.95" (49.53 mm)
   - Load when compressed to 1.21" (30.7 mm) - - - - - - - - - - - - 3.8 - 4.2 lbs. (1.7 - 1.9 kg)
   - Load when compressed to .88" (22.4 mm) - - - - - - - - - - - - 5.5 - 6.1 lbs. (2.5 - 2.8 kg)
2. Main pressure inner spring
   - Approximate free length - - - - - - - - 3.03" (76.9 mm)
   - Load when compressed to 2.3" (58.4 mm) - - - - - - - - - - - - 40 - 45 lbs. (18.14 - 20.41 mm)
3. Main pressure outer spring
   - Approximate free length - - - - - - - - 3.4" (86.4 mm)
   - Load when compressed to 2.3" (58.4 mm) - - - - - - - - - - - - 68 - 75 lbs. (30.8 - 34.0 kg)
4. Cold oil relief spring
   - Approximate free length - - - - - - - - 1.38" (35.0 mm)
   - Load when compressed to 1.05" (26.6 mm) - - - - - - - - - - - - 30 - 34 lbs. (13.6 - 15.4 kg)

(Continued)

PRESSURE REGULATING VALVE (Continued)

5. Torque converter spring	
Approximate free length - - - - - - - -	2.63" (66.8 mm)
Load when compressed to 2.3" (58.4 mm) - - - - - - - - - - - -	13 - 14 lbs. (5.9 - 6.3 kg)
Load when compressed to 1.7" (43.2 mm) - - - - - - - - - - - -	34 - 38 lbs. (15.3 - 17.1 kg)
6. Transmission lube pressure spring	
Approximate free length - - - - - - - -	3.14" (79.7 mm)
Load when compressed to 1.33" (33.8 mm) - - - - - - - - - - - -	12 - 13 lbs. (5.5 - 5.9 kg)
Load when compressed to 1.67" (42.4 mm) - - - - - - - - - - - -	14 - 16 lbs. (6.3 - 7.3 kg)
7. Lock-up valve spring	
Approximate free length- - - - - - - - -	2.15" (54.6 mm)
Load when compressed to 1.33" (33.7 mm) - - - - - - - - - - - -	17 - 18 lbs. (7.7 - 8.1 kg)

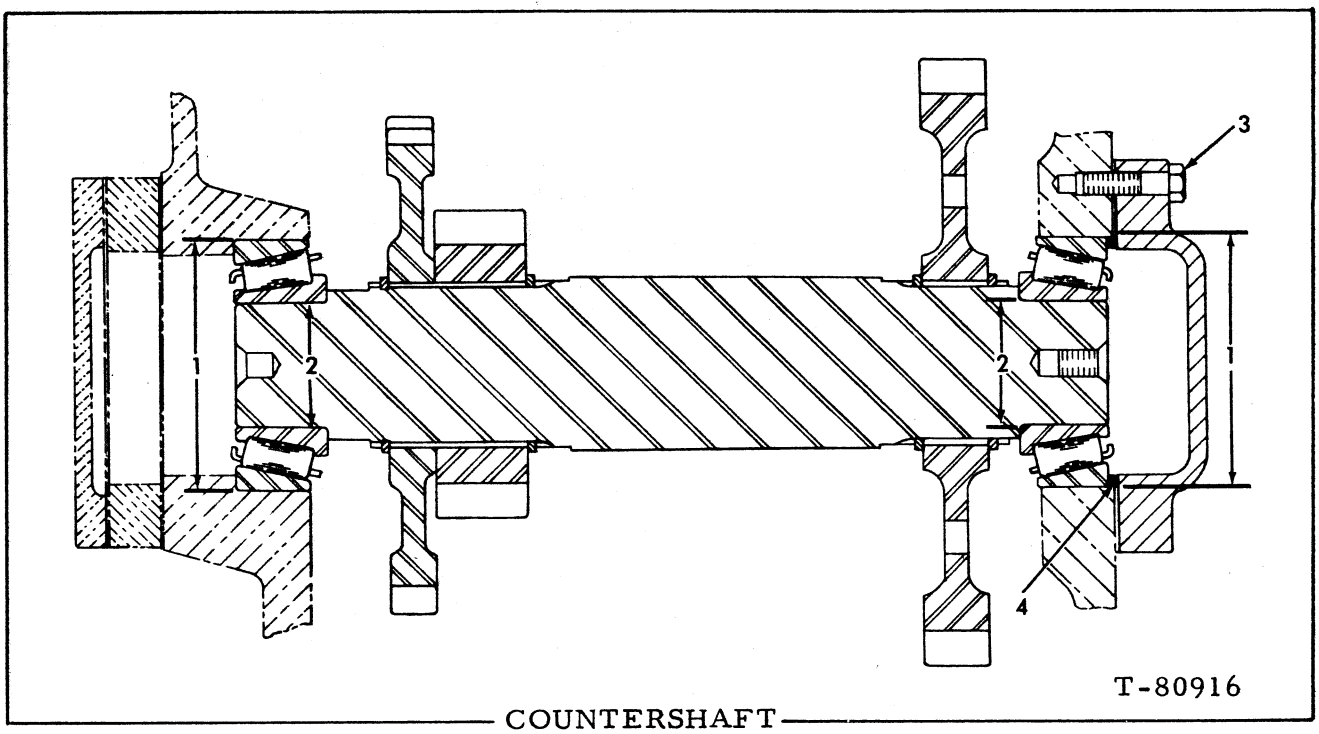
Transmission, Torque Converter and Drive Shafts



RANGE SELECTOR VALVE

1.	Torque for nuts (Maximum)	90 lb. in. (103.7 cm-kg)
2.	Torque for sleeve	20 lb. ft. (2.7 m-kg)
3.	Torque for capscrews	15 - 17 lb. ft. (2.1 - 2.4 m-kg)
4.	Spool seat orifice	.052" - .055" (1.32 - 1.39 mm)
5.	Plug orifice	.051" - .056" (1.29 - 1.42 mm)
6.	Spool return spring	
	Approximate free length	2.23" (56.64 mm)
	Load when compressed to 1.26" (32.0 mm)	15 - 17 lbs. (6.75 - 7.65 kg)
	Load when compressed to .88" (22.35 mm)	21 - 23 lbs. (9.45 - 10.35 kg)

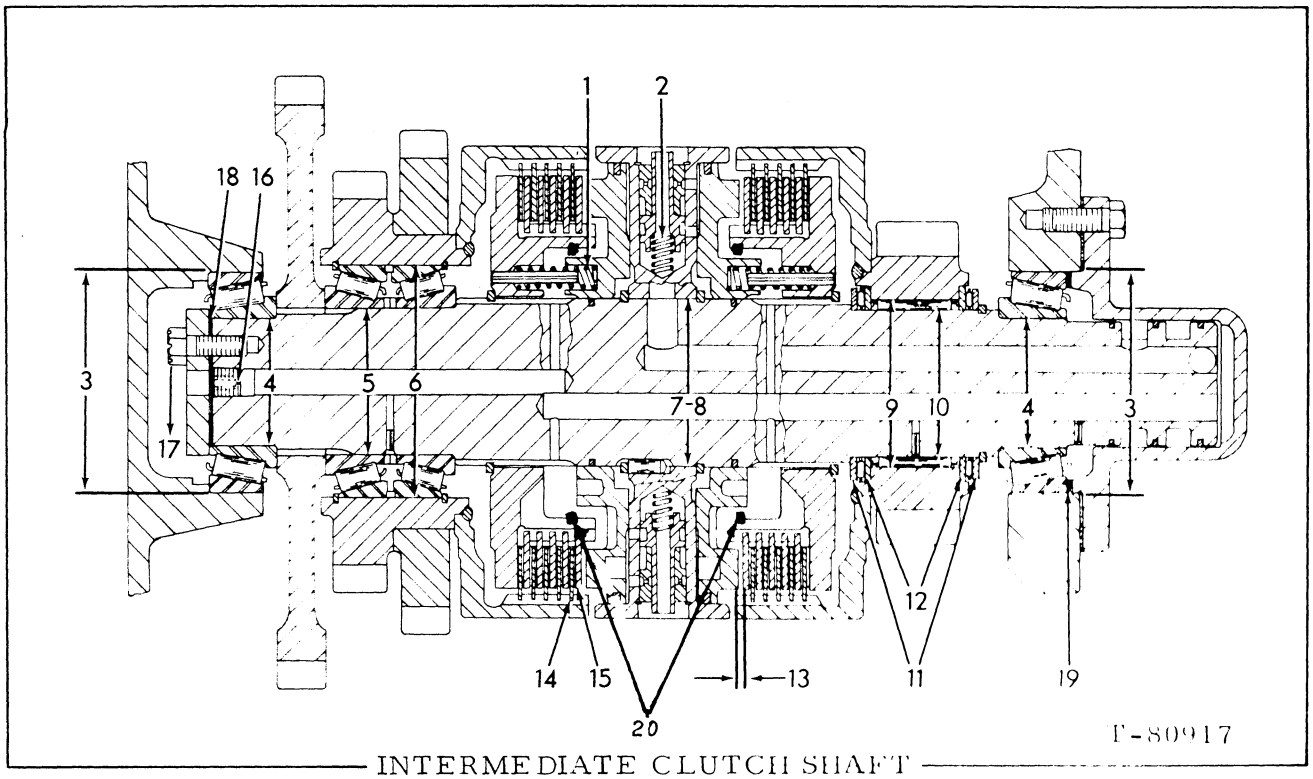
Transmission, Torque Converter and Drive Shafts



COUNTERSHAFT

1.	Bore in housing for bearing - - - - - - -	4.3306" - 4.3316" (109.99 - 110.02 mm)
2.	Shaft O. D. at bearing - - - - - - - - - - - -	2.1659" - 2.1666" (55.016 - 55.032 mm)
3.	Torque capscrews to - - - - - - - - - - - -	43 - 47 lb. ft. (5.9 - 6.4 m-kg)
4.	Shim to provide end play of - - - - - - - -	.010" - .012" (0.25 - 0.30 mm)

Transmission, Torque Converter and Drive Shafts



INTERMEDIATE CLUTCH SHAFT

1.	Clutch piston return spring	
	Approximate free length	1.56" (39.6 mm)
	Load when compressed to 1.35" (34.2 mm)	14 - 16 lbs. (6.3 - 7.2 kg)
	Load when compressed to 1.14" (28.9 mm)	29 - 31 lbs. (13.1 - 14.0 kg)
2.	Dump valve spring	
	Approximate free length	.915" (23.24 mm)
	Load when compressed to .75" (19.05 mm)	2.8 - 3.2 lbs. (1.3 - 1.5 kg)
	Load when compressed to .50" (12.7 mm)	7.1 - 7.9 lbs. (3.2 - 3.6 kg)
3.	Bore in housing for bearing	3.7400" 3.7409" (94.996 - 95.019 mm)
4.	Shaft O. D. at front and rear bearings	2.1659" - 2.1666" (55.016 - 55.032 mm)
5.	Shaft O. D. at 2nd/5th gear bearing	2.4710" - 2.4715" (62.763 - 62.776 mm)
6.	2nd/5th gear I. D.	3.9355" - 3.9365" (99.96 - 99.99 mm)
7.	Shaft O. D. at carrier	2.869" - 2.870" (72.87 - 72.89 mm)
8.	Carrier I. D.	2.8665" - 2.8675" (72.809 - 72.835 mm)
9.	1st/4th gear I. D.	2.8761" - 2.8766" (73.05 - 73.06 mm)
10.	Shaft O. D. at 1st/4th gear bearing	2.4994" - 2.5000" (63.485 - 63.500 mm)
11.	Thrust washer O. D.	3.23" (82.15 mm)
12.	Thrust washer O. D.	3.30" (83.74 mm)
13.	Clearance between plate and piston	.050" - .080" (1.27 - 2.03 mm)

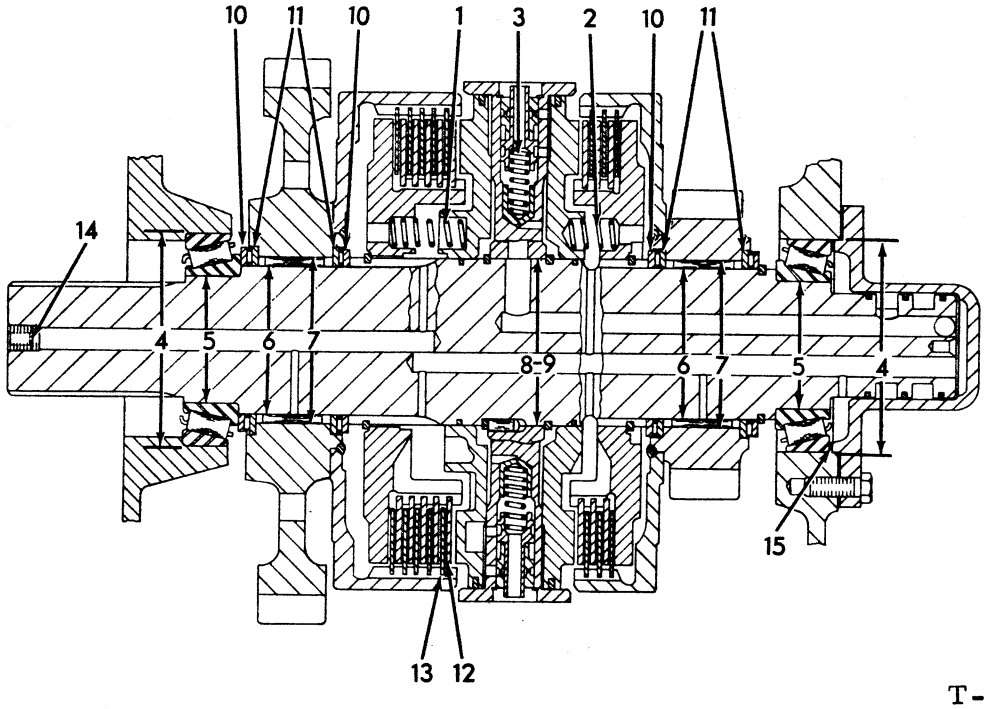
(Continued)

INTERMEDIATE CLUTCH SHAFT (Continued)

14. Bi-Metallic clutch plates	
O. D.	7.45" (189.2 mm)
Thickness	.119" - .124" (3.02 - 3.14 mm)
Depth of oil grooves	.012" - .020" (0.30 - 0.50 mm)
15. Steel clutch plates	
O. D.	7.0" (177.0 mm)
Thickness	.092" - .094" (2.33 - 2.38 mm)
Height of dish (not all plates)	.013" - .023" (0.33 - 0.58 mm)
16. Orifice size in plug	.062" - .067" (1.57 - 1.60 mm)
17. Torque for capscrew	43 - 55 lb. ft. (5.9 - 7.6 m-kg)
18. Shim to provide a gap of (Before torquing capscrews)	.004" - 010" (0.10 - 0.25 mm)
19. Shim to provide end play of	.004"-.006"(0.10-0.15 mm)
20. Rings (act as an oil baffle to direct lube oil through holes in clutch hub for better plate lubrication).	

NOTE: A steel plate (clutch) must be installed against piston.

Transmission, Torque Converter and Drive Shafts



OUTPUT CLUTCH SHAFT

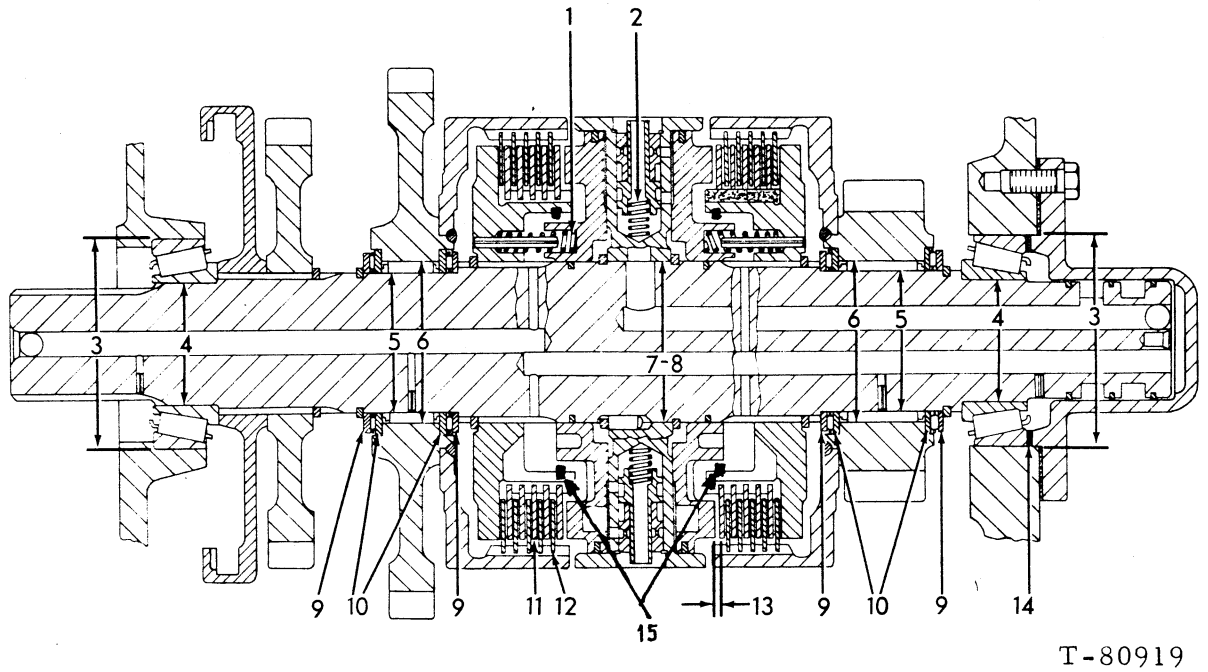
1. Front piston return spring
   - Approximate free length ------- 1.95" (49.78 mm)
   - Load when compressed to 1.65" (41.91 mm) ---------- 43 - 47 lbs. (19.9 - 21.1 kg)
   - Load when compressed to 1.4" (37.59 mm) ---------- 66 - 74 lbs. (29.7 - 33.3 kg)
2. Rear piston return spring
   - Approximate free length ------- 1.17" (29.72 mm)
   - Load when compressed to .91" (23.11 mm) ---------- 35 - 41 lbs. (15.7 - 18.4 kg)
   - Load when compressed to .76" (19.30 mm) ---------- 54 - 66 lbs. (24.3 - 29.7 kg)
3. Dump valve spring
   - Approximate free length ------- 1.40" (35.56 mm)
   - Load when compressed to 1.25" (31.75 mm) ---------- 1.75 - 2.15 lbs. (.79 - .97 kg)
   - Load when compressed to .92" (23.37 mm) ---------- 5.75 - 6.75 lbs. (2.6 - 3.1 kg)
4. Bore in housing for bearings ------ 4.3306" - 4.3316" (109.997 - 110.023 mm)
5. Shaft O. D. at front and rear bearings ---------- 2.5596" - 2.5603" (65.014 - 65.032 mm)
6. Shaft O. D. at gear bearings ------- 2.9994" - 3.0000" (76.185 - 76.200 mm)
7. Gear I. D. ---------- 3.3761" - 3.3766" (85.753 - 85.766 mm)
8. Shaft O. D. at carrier ---------- 3.369" - 3.370" (85.570 - 85.598 mm)
9. Carrier I. D. ---------- 3.3655" - 3.3665" (85.484 - 85.509 mm)

(Continued)

OUTPUT CLUTCH SHAFT (Continued)

10. Thrust washer O. D. - - - - - - - - - - - - 3.73" (94.74 mm)
11. Thrust washer O. D. - - - - - - - - - - - - 3.80" (96.52 mm)
12. Steel clutch plates
    O. D. - - - - - - - - - - - - - - - - - - - 9.0" (228 mm)
    Thickness - - - - - - - - - - - - - - - - - .103" - .105" (2.61 - 2.66 mm)
13. Bi-Metallic plates
    O. D. - - - - - - - - - - - - - - - - - - - 9.45" (240 mm)
    Thickness - - - - - - - - - - - - - - - - - .140" - .145" (3.55 - 3.68 mm)
    Depth of oil grooves - - - - - - - - - - - .012" - .020" (0.30 - 0.50 mm)
14. Orifice size in plug - - - - - - - - - - - - .062" - .067" (1.57 - 1.60 mm)
15. Shims to provide end play of - - - - - - .004"-.006" (0.10-0.15 mm)

Transmission, Torque Converter and Drive Shafts



INPUT CLUTCH SHAFT

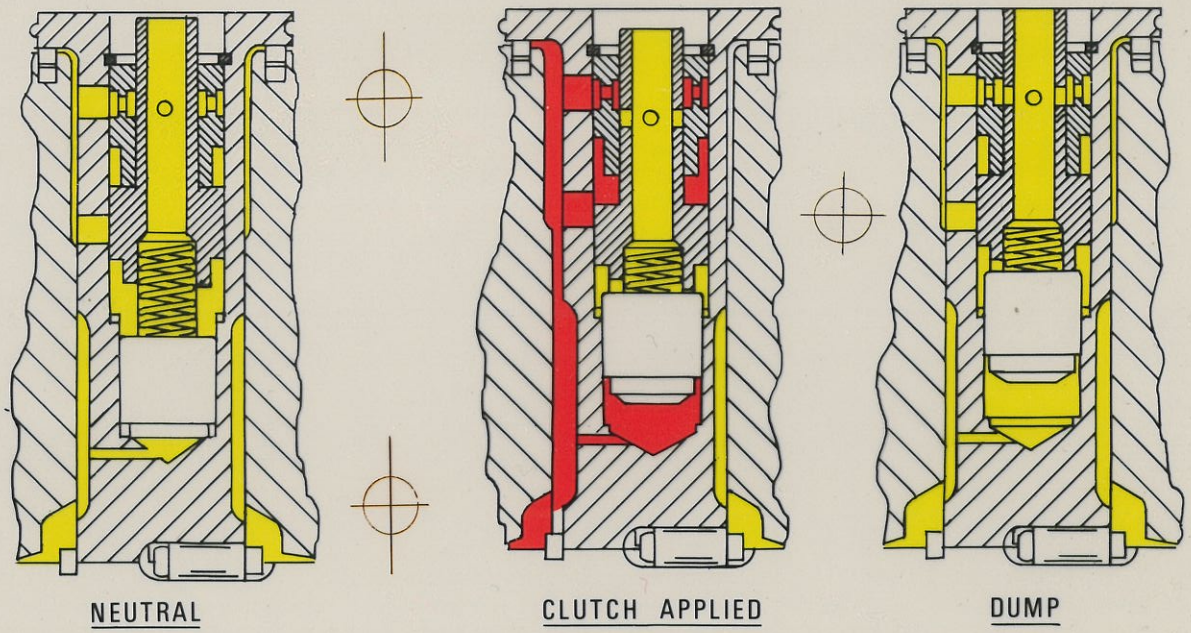
1. Clutch piston return spring
   - Approximate free length ---------- 1.56" (39.6 mm)
   - Load when compressed to 1.35" (34.2 mm) ---------- 14 - 16 lbs. (6.3 - 7.2 kg)
   - Load when compressed to 1.14" (28.9 mm) ---------- 29 - 31 lbs. (13.1 - 14.0 kg)
2. Dump valve spring
   - Approximate free length ---------- .915" (23.24 mm)
   - Load when compressed to .75" (19.05 mm) ---------- 2.8 - 3.2 lbs. (1.3 - 1.5 kg)
   - Load when compressed to .50" (12.7 mm) ---------- 7.1 - 7.9 lbs. (3.2 - 3.6 kg)
3. Bore in housing for bearing ---------- 3.7400" - 3.7409" (94.996 95.019 mm)
4. Shaft O. D. at front and rear bearings ---------- 2.1659" - 2.1666" (55.016 - 55.032 mm)
5. Shaft O. D. at gear bearings ---------- 2.4994" - 2.5000" (63.485 - 63.500 mm)
6. Gear I. D. ---------- 2.8761" - 2.8766" (73.05 - 73.06 mm)
7. Shaft O. D. at carrier ---------- 2.869" - 2.870" (72.87 - 72.89 mm)
8. Carrier I. D. ---------- 2.8665" - 2.8675" (72.809 - 72.835 mm)
9. Thrust washer O. D. ---------- 3.23" (82.15 mm)
10. Thrust washer O. D. ---------- 3.30" (83.74 mm)
11. Steel clutch plates
    - O. D. ---------- 7.0" (177.0 mm)
    - Thickness ---------- .092" - .094" (2.33 - 2.38 mm)
    - Height of dish (not all plates) ---------- .013" - .023" (0.33 - 0.58 mm)

INPUT CLUTCH SHAFT (Continued)

12. Bi-Metallic clutch plates
    - O. D. ---------- 7.45" (189.2 mm)
    - Thickness ---------- .119" - .124" (3.02 - 3.14 mm)
    - Depth of oil grooves ---------- .012" - .020" (0.30 - 0.50 mm)
13. Clearance between plate and piston --- .050" - .080" (1.27 - 2.03 mm)
14. Shim to provide end play of- -------- .004"-.006" (0.10-0.15 mm)
15. **Rings (act as an oil baffle to direct lube oil through holes in clutch hub for better plate lubrication).**

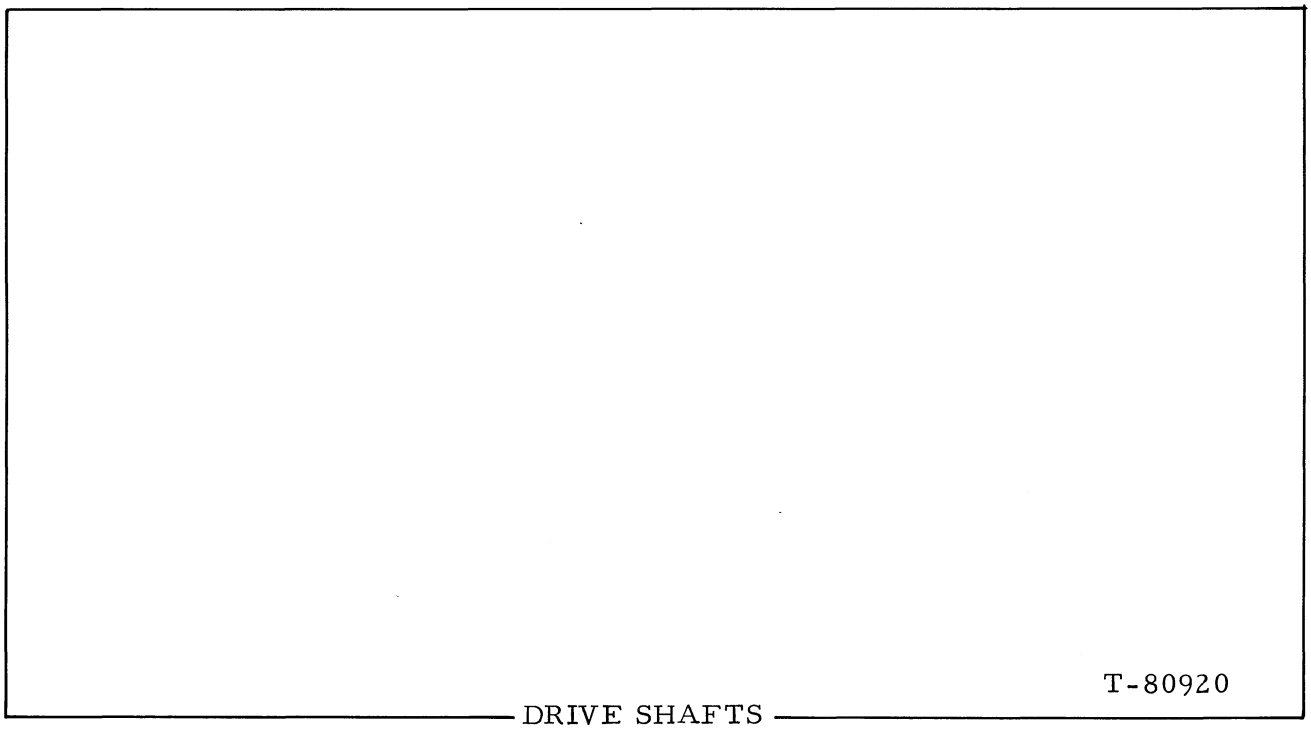
NOTE: Reverse (Only) friction plates are split.

NOTE: A steel plate (clutch) must be installed against piston.



T-80183

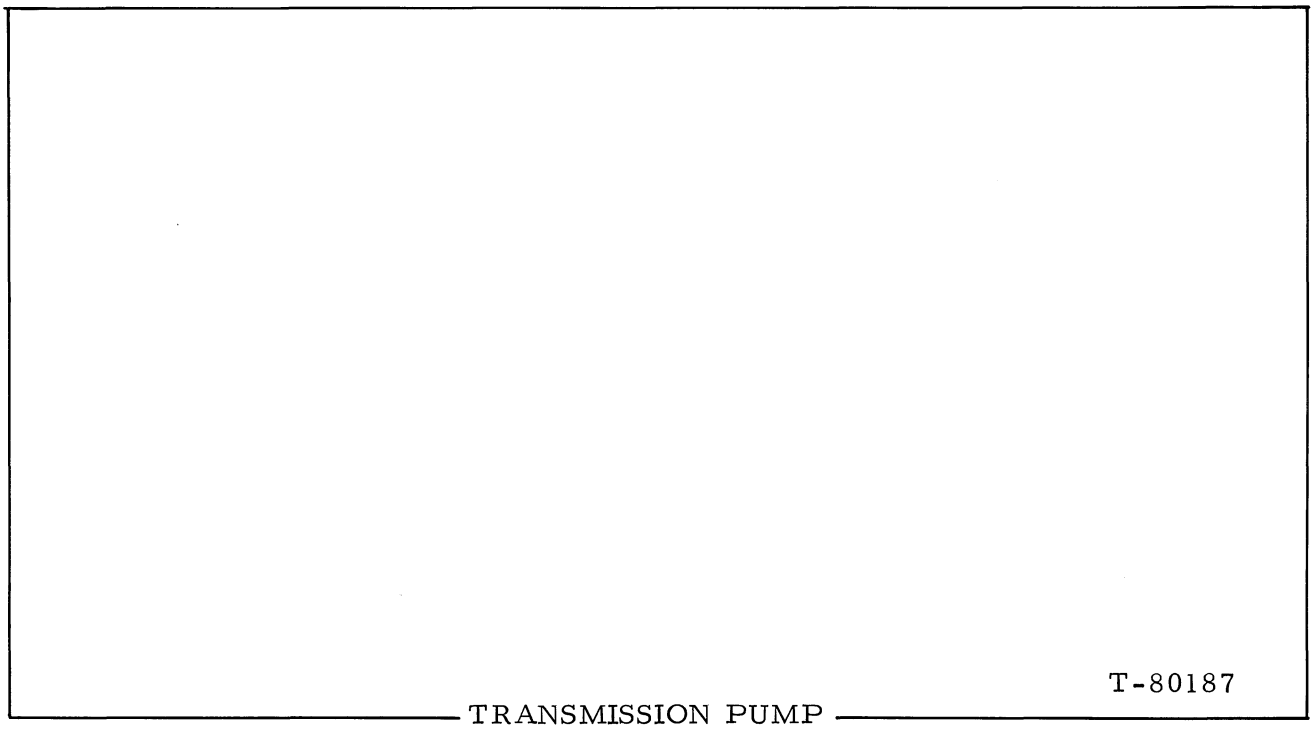
TRANSMISSION CLUTCH SHAFT DUMP VALVE



T-80920

DRIVE SHAFTS

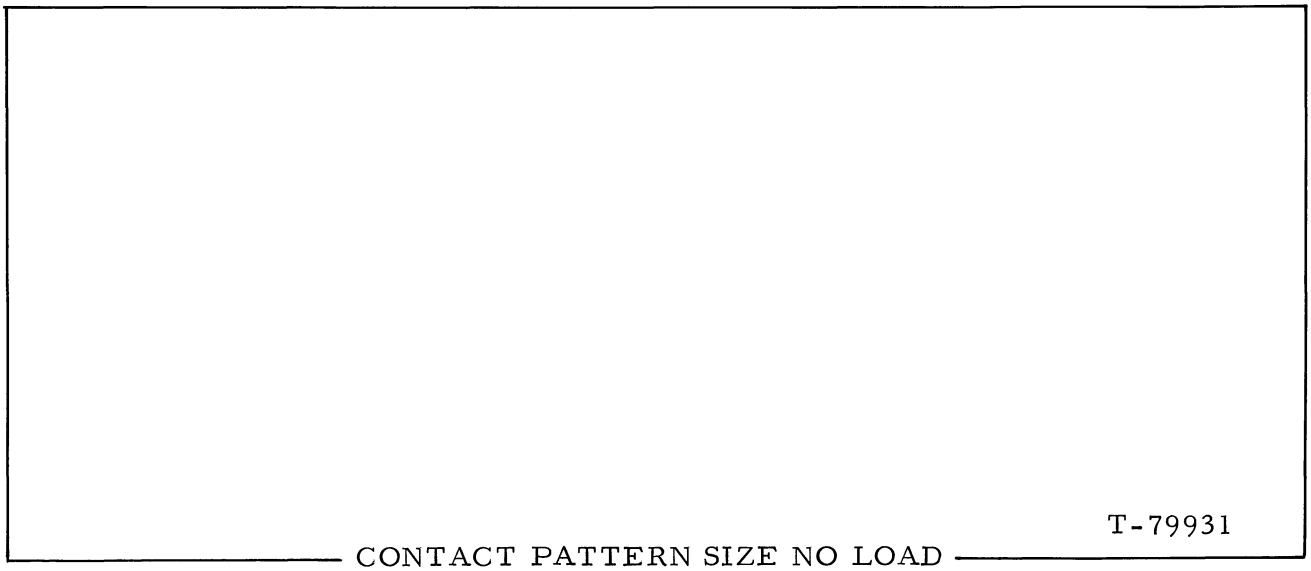
1. Upper U-joint capscrews - - - - - - - - - 35 - 47 lb.ft. (4.9 - 6.5 m-kg)
2. Lower U-joint capscrews - - - - - - - - - 110 - 135 lb.ft. (15.4 - 19.0 m-kg)



T-80187

TRANSMISSION PUMP

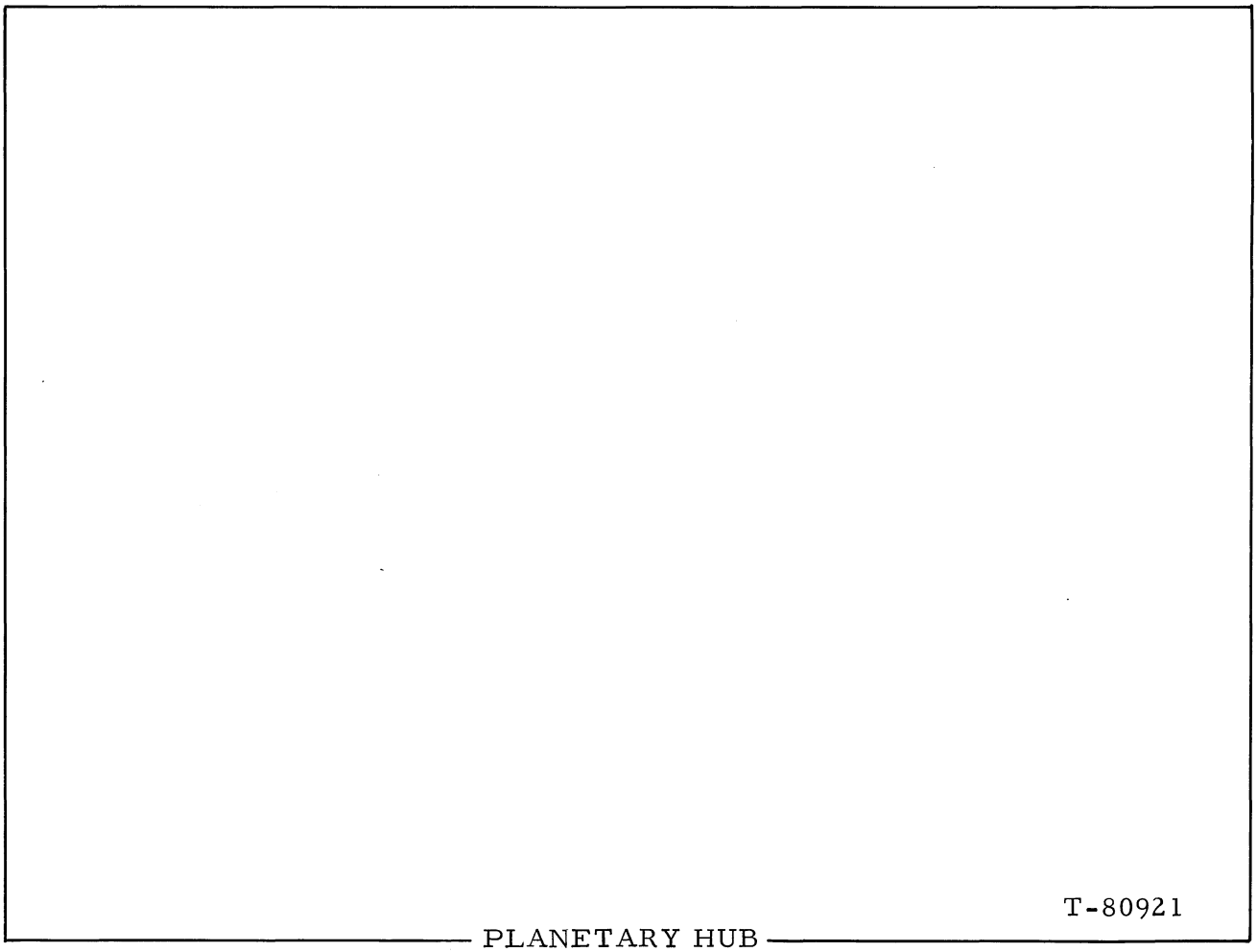
1.	Pump rotation	Counterclockwise
2.	Pump output	34 gpm (128.8 lit/min)
	At pumping speed of	2600 rpm
	Engine speed	2100 rpm
3.	Drive ratio	1.257



T-79931

CONTACT PATTERN SIZE NO LOAD

1. Drive side of tooth
   - Dimension "A" ---------- .125" - .250" (3.2 - 6.35 mm)
   - Dimension "B" ---------- 33% - 50% of tooth length
2. Coast side of tooth
   - Dimension "A" ---------- .250" - .375" (6.35 - 9.8 mm)
   - Dimension "B" ---------- 40% - 60% of tooth length



T-80921

PLANETARY HUB

1.	Wheel end cover capscrews	90 - 100 lb.ft (12.4 - 13.8 m-kg)
2.	Ring gear hub retainer capscrews	90 - 100 lb.ft. (12.4 - 13.8 m-kg)
3.	Carrier housing capscrews	90 - 100 lb.ft. (12.4 - 13.8 m-kg)
4.	Brake disc capscrews	220 - 240 lb.ft. (30.8 - 33.6 m-kg)
5.	Spindle capscrews and nuts	350 - 380 lb.ft. (49.0 - 53.2 m-kg)
6.	Planet gear shaft capscrews	60 - 70 lb.ft. (8.4 - 9.8 m-kg)
7.	Planet gear shaft O. D. (large end)	2.500" - 2.501" (63.500 - 63.525 mm)
	Bore for shaft (large)	2.500" - 2.501" (63.500 - 63.525 mm)
8.	Planet gear bearing cup O. D.	3.7394" - 3.7402" (94.981 - 95.001 mm)
	Planet gear I. D.	3.7376" - 3.7385" (94.935 - 94.958 mm)
9.	Planet gear bearing cone I. D.	2.1648" - 2.1654" (54.986 - 55.001 mm)
10.	Planet gear shaft O. D. (small end)	2.1635" - 2.1645" (54.953 - 54.978 mm)
	Bore for shaft (small)	2.1635" - 2.1645" (54.953 - 54.978 mm)
11.	Wheel hub bearing cone I. D.	6.6919" - 6.6929" (169.974 - 169.999 mm)
	Spindle O. D. at cone	6.6904" - 6.6914" (169.936 - 169.961 mm)

(Continued)

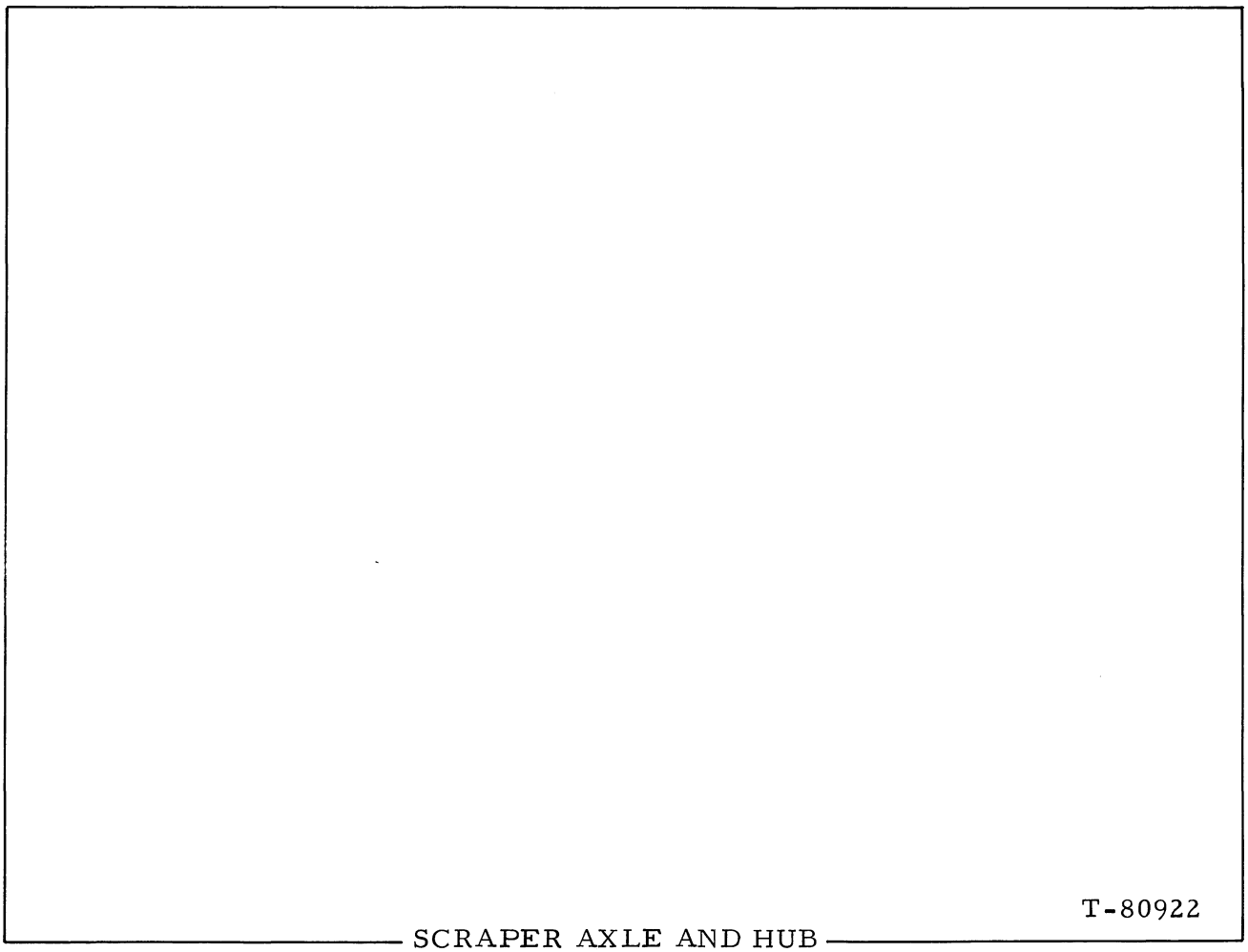
PLANETARY HUB (Continued)

12. Wheel hub bearing cup O. D. - - - - - - -	9.0539" - 9.0551" (229.969 - 22.999 mm)
Bore for bearing cup - - - - - - - - -	9.0509" - 9.0527" (229.892 - 229.938 mm)
*13. Shim pack to equal gap plus - - - - - - -	.010" - .012" (0.254 - 0.305 mm)

14. Seal wear sleeve must be smooth and not grooved at seal contact point.

15. Wheel rotational torque - - - - - - - - - - - - 55 - 90 lb. in. (63.25 - 103.5 cm-kg)

* Before measuring for shim pack, install retainer without shims using four capscrews positioned as shown in illustration. Torque capscrews to 95 lb.ft. (13.3 m-kg) - loosen all four capscrews and remove any two 180° apart. Rotate wheel one turn and torque remaining two capscrews to 40 lbs. ft. (5.6 m-kg) - rotate wheel one turn then torque capscrews to 80 lb.ft. (11.2 m-kg) - retorque capscrews to 80 lb.ft. (11.2 m-kg) - rotate wheel several turns. Measure distance through both measuring holes - average readings and subtract thickness of retainer to determine gap. Make up shim pack using specifications on prior page and install under retainer - install eight capscrews and tighten to specified torque.



SCRAPER AXLE AND HUB

1.	Axle support capscrews	380 - 475 lb.ft. (53.2 - 66.5 m-kg)
2.	End plate capscrews	110 - 135 lb.ft. (15.4 - 18-9 m-kg)
3.	Brake assembly capscrews	350 - 380 lb.ft. (49.0 - 53.2 m-kg)
4.	Brake disc capscrews	220 - 280 lb.ft. (30.8 - 39.2 m-kg)
5.	Hub cap capscrews	35 - 39 lb.ft. (4.9 - 5.5 m-kg)
*6.	Shim pack to equal gap plus	.010" - .012" (0.254 - 0.305 mm)
7.	Outer bearing cone I.D.	4.000" - 4.001" (101.600 - 101.625 mm)
	Shaft O.D. at bearing cone	3.9988" - 3.9998" (101.569 - 101.595 mm)
8.	Outer bearing cup O.D.	6.1875" - 6.1885" (157.162 - 157.188 mm)
	Bore for outer bearing cup	6.1845" - 6.1865" (157.086 - 157.137mm)
9.	Inner bearing cup O.D.	7.1875" - 7.1885" (182.562 - 182.588mm)
	Bore for inner bearing cup	7.1845" - 7.1865" (182.486 - 182.537mm)
10.	Inner bearing cone I.D.	5.000" - 5.001" (127.000 - 127.025mm)
	Shaft O.D. at bearing cone	4.9988" - 4.9998" (126.969 - 126.995mm)

(Continued)