

# A618

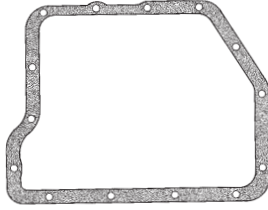
(47RH, 47RE, 48RE)

# A518

(46RH, 46RE)

# CHRYSLER TF-8

A727 (36RH, 37RH)



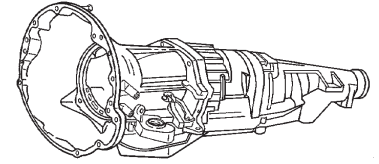
14 Bolt Pan



12776C



12776F



Rear Wheel Drive Aluminum Case

## REBUILDER KITS

DESCRIPTION	QTY.	YEAR	DELUXE KIT	MASTER O/H KIT	LESS STEELS KIT	OVERHAUL KIT	GASKET & SEAL KIT
<b>To order Kits with all Borg Warner frictions, use a 'KB' prefix instead of the traditional 'K' prefix.</b>							
Rebuilder Kits - TF-8 (1)	1	71-Up	K225D-R	K225D	K225D-LS	K22950C	K22950C-1
Rebuilder Kits - 46R (2)	1	90-97	K225M-R	K225M	K225M-LS	K22950M	K22950M-1
Rebuilder Kits - 46R (3)	1	98-Up		K225H	K225H-LS	K22950M	K22950M-1
Rebuilder Kits - 47RH/RE (4)	1	94-Up		K225J	K225J-LS	K22950M	K22950M-1
Rebuilder Kits - 48RE (3)	1	03-Up		K225K	K225K-LS	K22950K	K22950M-1
External Leak Seal Kit	1	66-Up					SK22950-2
Sub Kit	1	62-70					K22950E-4
Sub kit - (5)	1	62-Up					K12900-3

(1) For 62-70 use Sub Kit K22950E-4.

(2) Kit contains 8 Overdrive Direct and 4 Overdrive Brake Frictions and .070 Front and Rear Steels.

(3) Kit contains High Energy Frictions and .085 Steels for Front and Rear 46R. 48RE contains .070 Front and Rear Steels.

(4) Kit contains High Energy Frictions including 10 Overdrive Direct and 5 Overdrive Brake Frictions.

(5) Accumulator "D" Ring. To replace Metal/Teflon Rings.

ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REFERENCE NO.
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## VALVE BODY KITS

<b>TRANSGO®</b>					
N.I.	Shift Kit® - Gas/Diesel - w/Manual Valve - A518.....	1	90-Up	TFOD-JR	TFOD-JR
N.I.	Shift Kit® - Diesel - A518.....	1	90-Up	TFOD-DIESEL	TFOD-DIESEL
N.I.	Shift Kit® - Diesel - 48RE.....	1	03-Up	K22908F	SK48RE
N.I.	No Yo Yo® System Correction Kit - w/Manual Valve - TF-8.....	1	62-Up	K22908B	SK®TF-SC
N.I.	Reprogramming Kit™ - Heavy Duty, High Performance - w/Manual Valve - TF-8.....	1	62-Up	TF-1	TF-1
N.I.	Reprogramming Kit™ - Competition - TF-8.....	1	62-Up	TF-2	TF-2
N.I.	Reprogramming Kit™ - Manual Shift - Only TF-8.....	1	62-Up	TF-3	TF-3
N.I.	Reprogramming Kit™ - Heavy Duty, High Performance - A518, 46,47RH.....	1	90-Up	TFOD-HD2	TFOD-HD2
<b>SUPERIOR</b>					
N.I.	Shift Correction Package - Corrects Early Lock Up & Shudder - TF-6, TF-8.....	1	62-Up	22C01	KTF-TC
N.I.	Shift Correction Package - Better Lube Oil - A500, A518.....	1	88-98	22C03	K500
N.I.	Shift Correction Package - Better Lube Oil - A500, A518.....	1	99-Up	22C04	K500L
<b>SONNAX®</b>					
N.I.	Sure Cure® - Reconditioning Kit - Fixes TCC Problems, 46/47RH/RE.....	1	90-Up	22S03	SC-46/47RHE

## MISCELLANEOUS GASKETS & SEALS/PAN GASKETS

1G	Gasket - Oil Pan:				
	- Cork & Neoprene - All.....	1	62-Up	3859LX	2464324
	- Fibre - All.....	1	62-Up	3859F	2464324
	- Korcork - All.....	1	62-Up	3859S	2464324
	- Molded Rubber/ Plastic.....	1	62-Up	3859R	2464324AC
2A	Seal - Front Pump to Case - Lathe Cut - All.....	1	62-Up	3857L	1942021
3A	Gasket - Front Pump to Case - All.....	1	62-Up	3856L	4028377
N.I.	Seal - Front Pump to Bolt Washer - All.....	7	62-Up	13268A	6023943
4G	Gasket - Extension Housing to Case - TF-8.....	1	66-Up	13253	2466954
4G	Gasket - Extension Housing to Case - A518.....	1	90-Up	13253B	4531192
N.I.	Gasket - Case to Overdrive Piston Housing - A518.....	1	90-Up	13253C	4531191

TF-8/A518

ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REFERENCE NO.
<b>MISCELLANEOUS GASKETS &amp; SEALS/PAN GASKETS (Cont.)</b>					
5A	Lip Seal - Front Clutch Piston - Inner - All .....	1	71-Up	<b>13310</b>	3410226
5A	Lip Seal - Front Clutch Piston - Inner - All (Improved Design) .....	1	71-Up	<b>13310A</b>	3410226
N.I.	O-Ring - Speedometer to Case - TF-8.....	1	62-65	<b>3547L</b>	1942259
N.I.	O-Ring - Speedometer to Case - Red - TF-8.....	1	66-Up	<b>3301AL</b>	6031370
N.I.	Seal - Speedometer Drive Pinion Seal - TF-8.....	1	66-Up	<b>3991AL</b>	2538588
N.I.	O-Ring - Speedometer Gear - TF-8 .....	1	62-Up	<b>3131L</b>	4130829
N.I.	Gasket - Valve Body Package - 46/47 RE/RH.....	1	90-Up	<b>K13412</b>	N.L.
N.I.	Seal - Throttle Lever Shaft - All .....	1	62-Up	<b>13207</b>	2466548
N.I.	Gasket - Output Bearing Cover - All.....	1	62-Up	<b>13254</b>	2801398
N.I.	O-Ring - Oil Filler - All.....	1	62-Up	<b>3291L</b>	6030608
N.I.	Sleeve - Multi-Lip Oil Filler Tube - Top Hat .....	1	97-Up	<b>13925C</b>	52118629
N.I.	O-Ring - Anchor - A518 .....	1	90-Up	<b>13917</b>	1672358
N.I.	O-Ring - Solenoid Connector - A518 .....	1	90-Up	<b>13909</b>	6033448
N.I.	O-Ring - Solenoid Connector - 46RH, 47RE.....	1	97-Up	<b>13909A</b>	6034748
<b>CLUTCH PLATES</b>					
Order Frictions with 'B' prefix for Borg Warner brand, 'R' prefix for Raybestos brand.					
11B	Friction - Front - Hi/Reverse:				
	- Waffle .096 - All .....	3/4	62-Up	<b>22595B</b>	4531066
	- Waffle Heavy Duty - All .....	3/4	62-Up	<b>22595C</b>	4531066
	- Hi-Energy - .085 .....	4/5	98-Up	<b>22595D</b>	4617201AC
	- Hi-Energy - .095 .....	3/4	62-97	<b>22595H</b>	4617201
13B	Friction - Rear - Smooth .065 - 58T - All.....	4	62-Up	<b>22642A</b>	2801992
	Friction - Rear - Grooved .065 - 58T - All (High Energy) .....	4	98-Up	<b>22642H</b>	2801992AB
	Friction - Rear - Waffle .065 - 92T - 48RE.....	4	03-Up	<b>22642D</b>	52854030AA
15E	Friction - Overdrive Brake - .087 - A518.....	4/5	90-Up	<b>12755</b>	4461162
17E	Friction - Overdrive Direct - .064 - A518 .....	8/10	90-Up	<b>12740</b>	4461042
	Friction - Overdrive Direct - Single Sided - Internal Tooth - 48RE.....	12	03-Up	<b>12740C</b>	5093167AA
	Friction - Overdrive Direct - Single Sided - External Tooth - 48RE.....	11	03-Up	<b>12740D</b>	5093168AA
12B	Steel - Front - Rear:				
	- Flat .070 - All .....	3/4	62-Up	<b>22594</b>	52118812AA
	- Kolene - All .....	AR	62-Up	<b>22594K</b>	N.L.
	- Oversize .090 - All .....	AR	62-Up	<b>22594X</b>	N.L.
	- Flat .085 - All .....	4/5	98-Up	<b>22594B</b>	2124826AB
16E	Steel - Overdrive Brake - A518 .....	3/4	90-Up	<b>12756</b>	4461047
18E	Steel - Overdrive Direct - .068 - A518.....	7/9	90-Up	<b>12741</b>	4461054
18E	Steel - Overdrive Direct - .052 - A518.....	5/9	90-Up	<b>12741A</b>	4864053
<b>PRESSURE PLATES</b>					
20B	Pressure Plate - Rear Clutch - Beveled.....	1	62-Up	<b>22760</b>	2466803
22E	Pressure Plate - Overdrive Brake - A518 .....	1	90-Up	<b>12566A</b>	4461033
23E	Reaction Plate - Overdrive Brake - A518 .....	1	90-Up	<b>12566A</b>	4461033
24E	Pressure Plate - Overdrive Direct - A518.....	1	90-Up	<b>12567</b>	4461030
25E	Reaction Plate - Overdrive Direct - .214 - A518.....	1	90-Up	<b>12567A</b>	4461031
25E	Reaction Plate - Overdrive Direct - .085 - A518.....	1	90-Up	<b>12567C</b>	4461183
26B	Reaction Plate - Front/Rear Clutch - Flat.....	2	62-Up	<b>22940</b>	4617567
<b>FILTERS/FILTER KITS</b>					
Order Filter Kits with 'FK' prefix for Cork & Neoprene, 'FFK' prefix for Fibre.					
N.I.	Filter Kit:				
	- w/Small Dacron Filter - 2 Holes - TF-8.....	1	62-65	<b>FK8-12776A</b>	N.L.
	- w/Large Dacron Filter - 1 Hole - All.....	1	66-97	<b>FK8-12776C</b>	N.L.
	- w/Large Dacron Filter - 1 Hole - All (3) .....	1	66-97	<b>CFK-12776C</b>	N.L.
	- Dacron - Plastic - Metal - All (3) .....	1	98-Up	<b>CFK-12776F</b>	N.L.
	<i>(3) Combination contains both TF6 &amp; TF8 pan gaskets.</i>				

ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REFERENCE NO.
<b>FILTERS/FILTER KITS (Cont.)</b>					
27G	Filter:				
	- Small Dacron - 2 Holes - TF-8.....	1	62-65	<b>12776A</b>	3621456
	- Small Brass - 2 Holes - TF-8.....	1	62-65	<b>12776B</b>	3410253
	- Large Dacron - 1 Hole - All.....	1	66-97	<b>12776C</b>	3515996
	- Large Brass - 1 Hole - All.....	1	66-97	<b>12776D</b>	3515996
	- Dacron - Plastic - Metal - All.....	1	98-Up	<b>12776F</b>	52118789
28E	Screen - Piston Retainer - All.....	1	90-Up	<b>12777A</b>	4412583
29G	Screen - Governor Filter - All.....	1	90-Up	<b>12777</b>	3743519
N.I.	Screen - Valve Body - All.....	1	76-Up	<b>48713</b>	387831
<b>BRAKE BANDS</b>					
<b>Order NEW Brake Bands with 'B' prefix for Borg Warner brand, 'R' prefix for Raybestos brand.</b>					
32A	Kickdown Band - Front <b>(4)</b> :				
	- Flex Type - All.....	1	62-Up	<b>22825F</b>	2124342
	- Flex Type - Relined - All.....	1	62-Up	<b>22825F-RL</b>	2124342
	- Solid Type - Relined - All.....	1	62-Up	<b>22825A-RL</b>	2124342
33C	Low & Reverse - Rear:				
	- TF-8.....	1	62-89	<b>22900</b>	4412588
	- Relined - TF-8.....	1	62-89	<b>22900-RL</b>	4412588
	- Thick Lug - TF-8, A518.....	1	90-91E	<b>22900A</b>	4505091
	- Larger O.D. - TF-8, A518.....	1	91L-Up	<b>22900B</b>	4471476AB
	- Larger O.D. - Split Type - A618.....	1	94-Up	<b>22900C</b>	4531231
N.I.	Strut - Low/Reverse Band - O.S. - .100.....	1	62-Up	<b>22901</b>	N.L.
<i>(4) BW/AFM differ noticeably in appearance; however, will interchange.</i>					
<b>METAL CLAD SEALS</b>					
35A	Front Pump Seal - w/Flange - All.....	1	62-Up	<b>22573A</b>	4531225
36G	Extension Housing Seal:				
	- w/o Flange - Bolt On Yoke - TF-8 Jeep.....	1	62-64	<b>22978</b>	2205080
	- w/ Flange - w/o Boot - All.....	1	65-Up	<b>4743C</b>	4531216AB
	- w/ Boot - All.....	1	65-Up	<b>16695C</b>	4531216AB
	- w/o Flange - Bolt On Yoke - TF8.....	1	87-Up	<b>22978T</b>	4412507
	- w/ Boot - 48RE.....	1	03-Up	<b>22695</b>	52854126AA
N.I.	Manual Control Seal:				
	- Open Type 1/4" Thick - All.....	1	66-Up	<b>22574</b>	2466842
	- Closed Type 3/8" Thick - Heavy Duty - All.....	1	66-Up	<b>22575</b>	2466842
N.I.	Adapter Housing - 4WD.....	1	90-Up	<b>12925F</b>	4269956AB
<b>BUSHINGS</b>					
N.I.	Kit - Complete:				
	- (22005 Not In Kit) - TF-8.....	1	62-70	<b>K22902</b>	N.L.
	- TF-8 - (A518 Partial).....	1	71-Up	<b>K22902A</b>	N.L.
	- For Overdrive Section - A518 <b>(5)</b> .....	1	90-Up	<b>K12952M</b>	N.L.
40A	Front Pump Body:				
	- Babbitt - All.....	1	62-Up	<b>22003</b>	2466324
	- Bronze - All.....	1	65-Up	<b>22003A</b>	2466324
	- Bronze - w/Dimples.....	1	65-Up	<b>22003B</b>	4531163
42A	Stator Support - Reaction Shaft:				
	- Not in Kit - TF-8.....	1	62-66	<b>22005</b>	2205240
	- All.....	1	67-Up	<b>22005A</b>	2801348
	- Large I.D. - All.....	1	94-Up	<b>22005B</b>	N.L.
43B	Input Shaft - TF-8 (Notched pilot in 90 & Up - no bushing required).....	1	62-89	<b>22001</b>	3681709
<i>(5) To service complete A518, purchase K22902A and K12952M. Kit K12952M contains 2 output shaft bushings: Large (12511) and small (12510); 3 sun gear bushings: small O.D. (12509), flanged (12509A), and large O.D. (12509B); and extension housing bushing (6023).</i>					

TF-8/A518

ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REFERENCE NO.
<b>BUSHINGS (Cont.)</b>					
45A	Front Clutch Retainer - TF-8.....	1	62-70	<b>22006</b>	2205241
	Front Clutch Retainer - w/Oil Groove - All.....	1	71-Up	<b>22006B</b>	4058647
46C	Sun Gear - Front & Rear (.500 Wide) - All.....	2	62-Up	<b>22002</b>	1736520
	Sun Gear - Rear - (.750 Wide) All.....	1	62-Up	<b>22002A</b>	2464381
47G	Extension Housing - (All - exc. 48RE).....	1	62-Up	<b>6023</b>	2801724
	Extension Housing - 48RE.....	1	03-Up	<b>22023</b>	N.L.
N.I.	Sleeve - Plastic - (For Steel Front Planet) - .370 Wide - exc. 48RE.....	1	96-Up	<b>22010</b>	4617951
	Sleeve - Plastic - (For Steel Front Planet) - .300 Wide - 48RE.....	1	03-Up	<b>22010A</b>	52854038AA
51F	Output Shaft - Overdrive - Small - w/Groove.....	1	90-Up	<b>12510</b>	N.L.
52F	Output Shaft - Overdrive - Large.....	1	90-Up	<b>12511</b>	N.L.
	Sun Gear - Overdrive:				
53F	- Small O.D. ....	1/2	90-Up	<b>12509</b>	N.L.
54F	- Flanged.....	1	93-99	<b>12509A</b>	N.L.
54F	- Large O.D. - w/o Flange.....	1	99-Up	<b>12509B</b>	N.L.
<b>SEALING RINGS/RING KITS</b>					
Order Sealing Rings with 'T' suffix for Teflon.					
N.I.	Kit - Complete:				
	- TF-8.....	1	71-Up	<b>K22952B</b>	N.L.
	- TF-8.....	1	62-Up	<b>K22952C</b>	N.L.
	- A518.....	1	90-Up	<b>K22952M</b>	N.L.
N.I.	Stator Support - Front - 48RE.....	1	03-Up	<b>22551</b>	52854025AA
55A	Stator Support - Reaction Shaft - Rear:				
	- TF-8.....	2	62-70	<b>22550</b>	2124813
	- Tin Plated -TF-8.....	2	71-Up	<b>22550A</b>	3515321
	- Seal Plated - All.....	2	78-Up	<b>22550C</b>	3743689
56B	Input Shaft:				
	- TF-8.....	2	62-66	<b>22626</b>	1942041
	- Small O.D. - All.....	2	67-93	<b>22626A</b>	2801054
	- Large O.D. - 1.245 - All.....	2	94-Up	<b>22626B</b>	4741836
	- Large O.D. - 1.245 - Plastic - All.....	2	94-Up	<b>22626P</b>	4617418AB
57B	Rear Clutch Retainer w/L/U - All.....	1	78-Up	<b>22841</b>	4058443
-	Kickdown Piston Seal Ring:				
58G	- Small - All.....	1	62-Up	<b>22840</b>	2124851
59G	- Large - All.....	1	62-Up	<b>22827</b>	1942123
60G	Kickdown Servo Guide Seal Ring - All.....	1	62-Up	<b>22827</b>	1942123
61G	Accumulator Piston Ring - Small - Metal - All.....	1	62-Up	<b>12853</b>	3743010
61G	3-4 Accumulator Piston - Small - Teflon - A518.....	1	90-Up	<b>12853MT</b>	4431959
63G	Accumulator Piston Ring - Large - Metal - All.....	1	62-Up	<b>12770</b>	3743013
63G	3-4 Accumulator Piston - Large - Teflon - A518.....	1	90-Up	<b>12770MT</b>	4431958
65G	Governor Support - Front & Rear - TF-8.....	2	62-Up	<b>12850</b>	1942109
65G	Governor Support - A518.....	3	90-Up	<b>12850M</b>	4461011
<b>THRUST WASHERS/NEEDLE BEARINGS</b>					
N.I.	Washer Kit:				
	- TF-8.....	1	62-67	<b>K22951</b>	N.L.
	- TF-8, A518 (3/4 Gear Planets).....	1	67-Up	<b>K22951A</b>	N.L.
	- A518 (5 Gear Planet).....	1	94-Up	<b>K22951B</b>	N.L.
	- 48RE (6 Gear Planet).....	1	03-Up	<b>K22951C</b>	N.L.
70A	Front Clutch - Thrust - Selective - Front:				
	- .043 Thick - TF-8.....	AR	62-63	<b>22449</b>	2204621
	- .061 Thick - All.....	AR	63-Up	<b>22449A</b>	2204622
	- .084 Thick - All.....	AR	63-Up	<b>22449C</b>	2204623
	- .102 Thick - All.....	AR	63-Up	<b>22449D</b>	2400284

ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REFERENCE NO.
<b>THRUST WASHERS/NEEDLE BEARINGS (Cont.)</b>					
71B	Front Clutch - Thrust - Rear - .061 Thick - All .....	AR	62-Up	<b>22449A</b>	2204622
72C	Front Carrier:				
	- 3 Tabs - exc. 401 Engine - TF-8 .....	1	62-Up	<b>22700</b>	1942081
	- 4 Tabs - All .....	1	67-Up	<b>22700A</b>	2801060
	- 5 Tabs - All .....	1	94-Up	<b>22700B</b>	4539129
	- 6 Tabs - 48RE.....	1	03-Up	<b>22700F</b>	52854039AA
73C	Sun Gear - Driving Shell - Rear (Steel Plate).....	1	62-Up	<b>22703</b>	52854101AA
74C	Rear Carrier:				
	- 3 Tabs - TF-8 .....	1	62-Up	<b>22700</b>	1942081
	- 4 Tabs - Large I.D. 2.530 - All .....	1	67-Up	<b>22700A</b>	2801060
	- 4 Tabs - Small I.D. 2.250 - All .....	1	94-Up	<b>22700E</b>	4617888
	- 6 Tabs - (Front & Rear) - 48RE.....	2	03-Up	<b>22700G</b>	52854076AA
75C	Sun Gear Driving Shell:				
	- 3 Outside Tabs - All.....	1	62-Up	<b>22700</b>	1942081
	- 6 Outside Tabs - All.....	1	94-Up	<b>22700D</b>	4618000
	- 4 Outside Tabs - All.....	1	94-Up	<b>22700E</b>	4617888
76C	Output Shaft Race:				
	- Small O.D. - All .....	1	78-90	<b>22665B</b>	4329806
	- Large O.D. - All .....	1	90-Up	<b>12705L</b>	4505188
77C	Output Shaft - Bronze - TF-8.....	AR	62-79	<b>22665</b>	2400843
77C	Output Shaft Thrust Washer:				
	- Small O.D. - Metal - .062 - 3 O.D. Tabs - All .....	AR	77-90	<b>22665X</b>	3681688
	- Large O.D. - Metal - .052 - Gray - 3 O.D. Tabs - All .....	AR	90-Up	<b>12705M</b>	4505185
	- Large O.D. - Metal -.068 - Red - 3 O.D. Tabs - All .....	AR	90-Up	<b>12705N</b>	4505186
	- Large O.D. - Metal - .083 - Green - 3 O.D. Tabs - All .....	AR	90-Up	<b>12705P</b>	4505187
N.I.	Output Support To Reverse Drum .....	1	91-Up	<b>22710</b>	52118059
N.I.	Washer Kit -Overdrive Planet (Use SPS112, see index) .....	1	90-Up	<b>QWK 1130</b>	N.L.
<b>BEARINGS</b>					
N.I.	Bearing Kit - All .....	1	90-Up	<b>K12951M</b>	N.L.
78E	Piston to Hub Thrust Bearing Assembly - All.....	1	90-Up	<b>12720</b>	4446724
79F	Sun Gear to Planet Thrust Bearing Assembly:				
	- All .....	1	90-Up	<b>12721</b>	4461014
	- 2nd Design - All .....	1	90-Up	<b>12721A</b>	N.L.
80F	Inner Race to Input Thrust Bearing Assembly - All.....	1	90-Up	<b>12721</b>	4461014
<b>SHIMS</b>					
N.I.	Shim - Overdrive Clutch - Selective - All				
	- .138 .....	1	90-Up	<b>12706A</b>	4431731
	- .153 .....	1	90-Up	<b>12706B</b>	4431586
	- .168 .....	1	90-Up	<b>12706C</b>	4431732
	- .183 .....	1	90-Up	<b>12706D</b>	4431587
	- .198 .....	1	90-Up	<b>12706E</b>	4431733
	- .213 .....	1	90-Up	<b>12706F</b>	4431588
	- .228 .....	1	90-Up	<b>12706G</b>	4431734
	- .243 .....	1	90-Up	<b>12706H</b>	4431590
	- Shim Kit .....	1	90-Up	<b>K12706S</b>	N.L.
N.I.	Shim - Intermediate Shaft - Snap Ring Appearance - Seletective - All:				
	- .158 .....	1	90-Up	<b>12708A</b>	4431916
	- .175 .....	1	90-Up	<b>12708B</b>	4431917
	- .193 .....	1	90-Up	<b>12708C</b>	4431918
	- .211 .....	1	90-Up	<b>12708D</b>	4431919
N.I.	Shim - Planet (10 Per Bag).....	1	71-Up	<b>22700S</b>	N.L.

ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REFERENCE NO.
<b>SNAP RINGS</b>					
81B	Front & Rear Clutch Retainer:				
	- .062 - All .....	1	62-Up	<b>22601</b>	1942063
	- .074 - All .....	1	62-Up	<b>22601A</b>	1942064
	- .088 - All .....	1	62-Up	<b>22601B</b>	1942065
	- .106 - All .....	1	62-Up	<b>22601C</b>	2766811
	- .050 - All .....	1	62-Up	<b>22601W</b>	3410570
150E	Overdrive Brake - Front - Round.....	1	90-Up	<b>12605A</b>	4461082
151E	Overdrive Brake - Rear - Waved.....	1	90-Up	<b>12605C</b>	4461066
152E	Overdrive Brake - Rear - Flat.....	1	90-Up	<b>12605E</b>	4461065
153E	Overdrive Direct Clutch/Overdrive Drum - Waved .....	1	90-Up	<b>12605G</b>	4461032
154E	Overdrive Sun Gear .....	1	90-Up	<b>12967</b>	4461063
155F	Overdrive Drum/Ring Gear.....	2	90-Up	<b>12605J</b>	4461060
156F	Ring Gear/Output Shaft .....	1	90-Up	<b>12605L</b>	4461059

**HARD PARTS**

**Hard Parts may only require the base number for OEM/Aftermarket New. A "N" suffix may also be required or a "-R" suffix for remanufactured. Exceptions are listed individually.**

**NOTE: A separate column is provided to indicate a primary or specific brand/type.**

ILL.	DESCRIPTION	BRAND	QTY.	YEAR	PART NO.	REFERENCE NO
82A	Front Pump Assembly - Complete:					
	- 14T - Small Gear - TF-8 .....	R	1	74-77	<b>22200C</b>	N.L.
	- 14T - Small Gear - w/o L/U - All .....	R	1	78-94	<b>22200D</b>	N.L.
	- 14T - Small Gear - w/L/U - All .....	R	1	78-94	<b>22200E</b>	N.L.
	- 11T - Large Gear - w/o L/U - All .....		1	94-Up	<b>22200G</b>	N.L.
	- 11T - Large Gear - w/L/U - All .....		1	94-Up	<b>22200F</b>	4796467AD
	- 48RE .....		1	03-Up	<b>22200J</b>	5086715AB
82A	Pump Body:- Small O.D. Gear - 14T - All .....	R	1	78-94	<b>22300A</b>	N.L.
	Pump Body:- Large O.D. Gear - 11T - All .....	R	1	94-Up	<b>22300F</b>	N.L.
82A	Stator Support:					
	- w/o Lock-Up-All.....	R	1	78-93	<b>22400E</b>	N.L.
	- w/L/U - All .....	R	1	78-93	<b>22400D</b>	4028273
	- w/o Lock-Up - Large Bore - All.....		1	94-03	<b>22400G</b>	4796469
	- w/L/U - Large Bore - All .....		1	94-03	<b>22400F</b>	N.L.
83A	Front Pump Rotor(Gear) Set:					
	- .7460 - .7475 - 14T - Small O.D. - All .....		1	78-94	<b>K22201</b>	N.L.
	- .7476 - .7486 - 14T - Small O.D.- All .....		1	78-94	<b>K22201A</b>	N.L.
	- .7487 - .7497 - 14T - Small O.D. - All .....		1	78-94	<b>K22201B</b>	N.L.
	- .7487 - .7497 - 11T - Large O.D. - All .....		1	94-Up	<b>K22201F</b>	N.L.
	- .7487 - .7497 - 11T - Large O.D. - All (Oversize).....		1	94-Up	<b>K22201F-OS</b>	N.L.
84A	Front Clutch Retainer (Drum):					
	- 3 Clutch - All.....	R	1	71-Up	<b>22761</b>	4058437
	- 4 Clutch - All.....	R	1	71-Up	<b>22767</b>	4058648
	- 5 Clutch - 48RE.....		1	03-Up	<b>22767C</b>	52854151AA
86B	Rear Clutch Return Spring - Belleville - Wide Notch - All.....		1	62-Up	<b>22637</b>	1942015
	Rear Clutch Return Spring - Belleville - Narrow Notch - All .....		1	74-Up	<b>22637A</b>	3743621AB
87B	Rear Clutch Piston Spring Spacer - Plastic - All.....		1	67-Up	<b>22638</b>	3515077
88B	Rear Clutch Drum w/Shaft:					
	- w/o Lock-Up - w/ Output Bushing - All .....	R	1	78-90	<b>22127</b>	N.L.
	- w/Lock-Up - w/ Output Bushing - All .....	R	1	78-90	<b>22127A</b>	N.L.
	- w/Lock-Up - Small O.D. - w/o Output Bushing .....	R	1	91-93	<b>22127D</b>	N.L.
	- w/o Lock-Up - Small O.D. - w/o Output Bushing .....	R	1	91-93	<b>22127E</b>	N.L.
	- w/o Lock-Up - Large O.D. - w/o Output Bushing - All.....	R	1	94-Up	<b>22127C</b>	N.L.
	- w/Lock-Up - Large O.D. - w/o Output Bushing - All.....	R	1	94-Up	<b>22127B</b>	N.L.

ILL.	DESCRIPTION	BRAND	QTY.	YEAR	PART NO.	REFERENCE NO
<b>HARD PARTS (Cont.)</b>						
89C	Planet Carrier Assembly - Front:					
	- 3 Pinion - All.....	R	1	76-93	<b>22135</b>	4028110
	- 4 Pinion - All.....	R	1	76-93	<b>22136</b>	4428224
	- 4 Pinion - All.....	R	1	94-03	<b>22136A</b>	N.L.
	- 5/6 Pinion - All (Aftermarket 5 Gear OEM 6 Gear Package) .....		1	94-03	<b>22138</b>	5189401AA
	- 6 Pinion - 48RE .....		1	03-Up	<b>22138D</b>	52854033AA
90C	Planet Carrier Assembly - Rear:					
	- 3 Pinion - All.....	R	1	65-Up	<b>22753</b>	2466539
	- 4 Pinion - All.....	R	1	65-Up	<b>22753A</b>	N.L.
	- 6 Pinion - 48RE .....		1	03-Up	<b>22753D</b>	52854140AA
91C	Front Ring Gear - 58T Clutch Spline - All.....	R	1	62-Up	<b>22137</b>	N.L.
	Front Ring Gear - 92T Clutch Spline - 48RE .....	R	1	03-Up	<b>22137D</b>	52854043AA
92C	Reverse Clutch Drum:					
	- w/12 Roller - Small O.D. - w/o Race - All.....	R	1	62-90	<b>22757</b>	4446112
	- w/14 Roller - Large O.D. - w/Race - All.....	R	1	91-Up	<b>22757A</b>	4531242
	- w/14 Roller - Large O.D. - w/Lip - w/Race - All.....		1	95-Up	<b>22757B</b>	52118057
93C	Sun Gear w/Shell - (w/ Shell Reman Only) <b>(9)</b> :					
	- 3 Tab Washer - All .....	R	1	62-Up	<b>22758</b>	N.L.
	- 4 Tab Washer - All .....	R	1	94-Up	<b>22758B</b>	N.L.
	- 6 Tab Washer - 46/47RE.....	R	1	94-Up	<b>22758C</b>	N.L.
	- 6 Tab Washer - 48RE.....	R	1	94-Up	<b>22758D</b>	N.L.
94D	Overrun Clutch Repair Kit <b>(10)</b> :					
	- w/ Bolt in 4 Bolt Cam - 12 Roller - All .....		1	62-90	<b>K22961X</b>	N.L.
	- w/ Bolt in 6 Bolt Cam - 12 Roller - All .....		1	90-92	<b>K22961AX</b>	N.L.
	- w/ Bolt in 6 Bolt Cam - 14 Roller - All .....		1	91-Up	<b>K22961BX</b>	N.L.
95D	Overrun Clutch Components - Outer Cam: - 12 Roller - All.....	R	1	62-90	<b>22751</b>	N.L.
	Overrun Clutch Components - Outer Cam: - 14 Roller - All.....	R	1	91-Up	<b>22751A</b>	4471473
96D	Overrun Clutch Inner Race - 12 Roller Design .....		1	62-90	<b>22750</b>	N.L.
	Overrun Clutch Inner Race - 14 Roller Design - All .....		1	91-Up	<b>22750L</b>	N.L.
98D	Roller Spring Kit - TF-8/A518.....		1	62-90	<b>K22960</b>	2808673
	Roller Low w/Cage - (14 Roller) (Late 1991) - All .....		1	91-Up	<b>22960M</b>	4617199
100F	Roller Overdrive Clutch - A518 .....		1	90-Up	<b>12960M</b>	4461015
101F	Overdrive Sun Gear Backing Plate - w/Bearing - All .....		1	90-Up	<b>12963</b>	4740774
102F	Overdrive Sun Gear:					
	- Diesel - Straight Tooth Design .....	R	1	90-94	<b>12964A</b>	4773812
	- 1st Design Helical - 22° - All .....	R	1	90-94	<b>12964</b>	N.L.
	- 2nd Design Helical - 15° - All .....		1	95-Up	<b>12964C</b>	5015107AA
103F	Overdrive Planet:					
	- 4 Gear - 1st Design Helical - 22° - All.....	R	1	90-94	<b>12965</b>	4874392
	- 5 Gear - 1st Design Helical - 22° - All.....	R	1	90-94	<b>12965A</b>	4461189
	- Diesel - 5 Gear Straight Tooth Design .....	R	1	90-94	<b>12965B</b>	4461121
	- 4 Gear - 2nd Design Helical - 15° - All.....		1	95-Up	<b>12965C</b>	4798520
	- 5 Gear - 2nd Design Helical - 15° - All.....		1	95-Up	<b>12965D</b>	4761011
	- 6 Gear - 48RE.....		1	03-Up	<b>12965E</b>	5093157AA
104F	Overdrive Ring Gear:					
	- Diesel - Straight Tooth Design .....	R	1	90-94	<b>22966</b>	4746348
	- 1st Design Helical - 22° - All .....	R	1	90-94	<b>12966</b>	4461012
	- 2nd Design Helical - 15° - All .....		1	95-Up	<b>12966C</b>	4761010
	- 48RE .....		1	03-Up	<b>12966E</b>	5093157AA
105C	Rear Ring Gear - exc. 48RE.....	R	1	90-Up	<b>22152</b>	N.L.
	Rear Ring Gear - 48RE.....		1	03-Up	<b>22152D</b>	52854074AA

**(9)** The 46/47R sun gear shell thickness is .175. The 48RE shell thickness is .230. The sun gear and front/rear ring gears are also modified and must be used as a set.

**(10)** To fix stripped cases. Inner race, springs, rollers not included. Must purchase T-9250 w/K22961BX for case drilling.



ILL.	DESCRIPTION	BRAND	QTY.	YEAR	PART NO.	REFERENCE NO
<b>HARD PARTS (Cont.)</b>						
106D	Output Shaft Support - 4 Bolt - TF-8 .....		1	62-90	<b>22754</b>	2466882
	Output Shaft Support - 6 Bolt - TF-8 .....		1	90-Up	<b>22754B</b>	52118245
107F	Output Shaft Bearing - Front - A518.....		1	90-Up	<b>22976A</b>	4461008
108F	Output Shaft Bearing - All (A518, Rear) .....		1	62-Up	<b>22976</b>	2466224
112D	Shaft - Intermediate:- Shaft Only .....	N	1	90-Up	<b>22977</b>	4471504
	Shaft - Intermediate:- 2nd Design Spline Pitch - Shaft Only .....		1	94-Up	<b>22977B</b>	4617611
114D	Overdrive Piston Housing:					
	- w/Hydraulic Governor - 46/47RH (Aftermarket is Combo) .....		1	90-Up	<b>22754A</b>	52118180
	- w/Electronic Governor - 46/48RE.....		1	96-Up	<b>22754C</b>	52117975
	- w/Hydraulic/Electronic Governor - O.S. - 46/48RE .....		1	90-Up	<b>22754S</b>	N.L.
116E	Spring Overdrive Return (w/ Hub Reman Only) - A518 .....		1	90-Up	<b>12968</b>	4461027
	Spring Overdrive Return (w/ Hub Reman Only) - 48RE .....		1	90-Up	<b>12968B</b>	4461032
117E	Hub - Direct Clutch .....		1	90-Up	<b>12989</b>	4461072
120F	Output Shaft:					
	- 2WD - A518RH/RE (gov. & speedo design) .....	R	1	90-Up	<b>22988</b>	N.L.
	- 4WD - A518RH (gov. design) 9 15/16"L.....	R	1	90-96	<b>22988A</b>	N.L.
	- 4WD - RE - 5 5/16" L w/pilot .....	R	1	97-Up	<b>22988C</b>	N.L.
	- 4WD - RE - 5 5/16" L.....	R	1	97-Up	<b>22988B</b>	N.L.
125F	Drum - Overdrive Clutch - (For 8-10 Direct Frictions) - 46/47R .....		1	90-Up	<b>22969</b>	4461089
	Drum - Overdrive Clutch - (For 23 Direct Frictions) - 48RE .....		1	03-Up	<b>22969B</b>	N.L.
126G	Piston - Rear - Servo - Aluminum - TF8/A518.....		1	62-Up	<b>22986</b>	N.L.
	Piston - Rear - Servo - Aluminum - Split Type Band - A618.....		1	94-Up	<b>22986A</b>	N.L.
N.I.	Pin - Reverse Servo Piston.....		1	62-Up	<b>22985</b>	N.L.
N.I.	Cover - Front Servo w/O-Ring.....	N	1	71-Up	<b>22984</b>	N.L.
127F	Overdrive Roller Cam.....	R	1	90-Up	<b>12962B</b>	N.L.
128G	Piston - Accumulator - Case - Aluminum.....	N	1	60-Up	<b>12987</b>	N.L.
128G	Piston - Accumulator w/Sleeves (Case Repair) .....		1	60-Up	<b>K12987</b>	N.L.
<b>VALVE BODY - PREMIUM QUALITY</b>						
130G	w/Non Lock-Up (T8) .....		1	78-Up	<b>P22990G</b>	N.L.
	w/Lock-Up / w/o Solenoid (T8) .....		1	78-Up	<b>P22990H</b>	N.L.
	w/Lock-Up/ w/1 WIRE Solenoid (T8) .....		1	87-Up	<b>P22990J</b>	N.L.
	w/Lock-Up / w/2 WIRE Solenoid (T8) .....		1	94-Up	<b>P22990K</b>	N.L.
	w/Non Lock-Up - 46/47RH (A518) .....		1	90-Up	<b>P22990</b>	N.L.
	w/Lock-Up / w/o BOOST TUBE - 46/47RH (A518).....		1	90-95	<b>P22990A</b>	N.L.
	w/Lock-Up / w/BOOST TUBE - 46/47RH (A518).....		1	92-99	<b>P22990B</b>	N.L.
	w/Square Sensor Connector - 46/47RE (RE) .....		1	97-99	<b>P22990C</b>	N.L.
	w/Rectangular Sensor Connector - 46/47RE (RE).....		1	00-Up	<b>P22990D</b>	N.L.
	48RE .....		1	03-06	<b>P22990F</b>	N.L.
130G	Valve Body:					
	- Non Lock-Up - A518 - 1 Solenoid Design.....	R	1	90-96	<b>22990</b>	N.L.
	- Lock-Up - A518 - 2 Solenoid Design .....	R	1	90-96	<b>22990A</b>	N.L.
	- 46/47RE - 2 Solenoid Design .....	R	1	97-99	<b>22990C</b>	N.L.
	- 46/47RE - 2 Solenoid Design .....	R	1	00-Up	<b>22990D</b>	N.L.
135G	Extension Housing:					
	- 2WD - A518 - w/speedo .....	R	1	90-96	<b>22991</b>	N.L.
	- 4WD - A518 - 15 7/16" L.....	R	1	90-96	<b>22991A</b>	N.L.
	- 4WD - RE - 10 7/8" - w/ Offset Bosses .....	R	1	97-Up	<b>22991B</b>	N.L.
	- 4WD - RE - 10 7/8" - w/ Even Bosses .....	R	1	97-Up	<b>22991C</b>	N.L.
140G	Oil Pan .....	R	1	90-Up	<b>22992</b>	N.L.
175G	Governor - w/Support - A518.....	R	1	90-Up	<b>22979</b>	N.L.
180G	Governor Sleeve - w/Tubes - A518 .....	R	1	90-Up	<b>22982</b>	N.L.

ILL.	DESCRIPTION	BRAND	QTY.	YEAR	PART NO.	REFERENCE NO
<b>HARD PARTS (Cont.)</b>						
N.I.	Detent Lever w/Insulator - (Screw-in Neutral Switch) .....		1	71-03	<b>22420</b>	4531159
	Detent Lever w/Insulator - (Push-in Neutral Switch) .....		1	01-Up	<b>22420A</b>	52854143AA
N.I.	Insulator Detent Lever .....		1	71-03	<b>22420P</b>	N.L.
N.I.	Adapter P-N / MLPS Late To Early Case .....		1	90-Up	<b>22421</b>	N.L.
N.I.	Strut - Low/Reverse Band - O.S. - .100 - TF8/A518 .....		1	62-Up	<b>22901</b>	N.L.
N.I.	Overdrive Planet Package - A518 - w/Ring Gear:					
	- 5 Gear - 1st Design Helical.....	N	1	90-94	<b>K12970</b>	N.L.
	- 5 Gear - 2nd Design Helical.....	N	1	90-Up	<b>K12970B</b>	N.L.
	- 4 Gear - 2nd Design Helical - OEM .....		1	90-Up	<b>K12970M</b>	N.L.
	- 5 Gear - 2nd Design Helical - OEM .....		1	90-Up	<b>K12970BM</b>	N.L.
N.I.	Overdrive Sun Gear Snap Ring - A518 .....		1	90-Up	<b>12967</b>	4461063
<b>VALVE BODY COMPONENTS</b>						
N.I.	Governor Valve - Steel - A518 .....		1	90-Up	<b>22979V</b>	N.L.
N.I.	Lock-up Valve Spring (Corrects Shutter In L/U Converter) - TF-8.....		1	78-Up	<b>22981</b>	4202642
N.I.	Plug w/Sleeve - Pressure Regulator Line - TF8/A518 .....		1	62-Up	<b>K12977A</b>	N.L.
N.I.	Spring - 3-4 Accumulator - 1st Design - .063 Coil Thickness - A518 .....		1	90-Up	<b>12707</b>	N.L.
N.I.	Spring - 3-4 Accumulator - 2nd Design - .126 Coil Thickness - A518 .....		1	94-Up	<b>12707A</b>	N.L.
N.I.	Valve - Manual - Modified - TF8/A518.....		1	78-Up	<b>12983</b>	N.L.
N.I.	Valve - Pressure Regulator - Modified - TF8 .....		1	62-77	<b>12982E</b>	N.L.
N.I.	Valve - Pressure Regulator - Modified - All .....		1	78-Up	<b>12982</b>	N.L.
N.I.	Valve - Pressure Regulator - Modified - OS - All (Use Reamer T-9199F) .....		1	78-Up	<b>K12982B</b>	N.L.
N.I.	Valve - Switch - TCC - A518.....		1	90-Up	<b>12979</b>	N.L.
N.I.	Valve - TV - w/Plunger - 3/4 Speed .....		1	62-Up	<b>K12978</b>	N.L.
N.I.	Valve - TV - w/Plunger - OS - 3/4 Speed (Use Reamer T- 9191F) .....		1	90-Up	<b>K12978D</b>	N.L.
N.I.	Plug - w/Sleeve - Line Pressure - .264 Diameter - 46/47RH/E.....		1	90-Up	<b>K12977D</b>	N.L.
N.I.	Valve Body Separator Plate - w/o boost tube - A518 .....		1	90-97	<b>12993B</b>	N.L.
N.I.	Valve Body Separator Plate - w/ boost tube - A518 .....		1	95-Up	<b>12993C</b>	N.L.
N.I.	Valve Body Separator Plate - 48RE .....		1	03-Up	<b>12993F</b>	N.L.
<b>ELECTRICAL PRODUCTS</b>						
N.I.	Neutral Safety Switches:					
	- 3 Prong - TF-8 .....		1	69-Up	<b>15A-627B</b>	2932820
	- 3 Prong - Short - All.....		1	69-Up	<b>15A-627C</b>	3747361
	- 3 Prong - Extended - All (Screw-in Design).....		1	96-03	<b>15A-627E</b>	56028181AB
	- 5 Prong - Extended - All (Push-in Design).....		1	01-Up	<b>15A-627F</b>	56045489AC
N.I.	Neutral Safety Switch Washer - All.....		1	69-Up	<b>2627W</b>	2408143
115G	Solenoid w/Wiring & Connector:					
	- w/L/U & O.D. - 2 Solenoid - A518 .....		1	90-Up	<b>5A-301</b>	4431954
	- w/o L/U & w/O.D. - 1 Solenoid - A518.....		1	90-Up	<b>5A-301A</b>	4531253
	- w/o L/U & w/O.D - 1 Solenoid - A518 (Rostra) .....		1	90-Up	<b>5R-301A</b>	
	- w/L/U & w/O.D. (Round Sensor Connector) - 46RE, 47RE.....		1	97-99	<b>5A-302A</b>	52118500
	- w/L/U & w/O.D. (Rectangular Sensor Connector) - All .....		1	00-Up	<b>5A-302B</b>	52118500AB
	- w/L/U & w/O.D. (Rectangular Sensor Connector) 42RE/46RE (Rostra) .....		1	00-Up	<b>5R-302B</b>	
115G	Solenoid w/Sensor - 4 Prong Design - 46RE, 47RE .....		1	97-99	<b>5A-302K</b>	N.L.
N.I.	Solenoid - Governor Pressure - All.....		1	97-Up	<b>5A-303</b>	4617210
N.I.	Solenoid - Governor Pressure - All - Rostra .....		1	97-Up	<b>5R-303</b>	4617210
N.I.	Repair Kit - Governor Pressure Solenoid - All .....		1	97-Up	<b>5A-303K</b>	N.L.
N.I.	Sensor - Output - All.....		1	97-Up	<b>20A-103</b>	4800879
N.I.	Sensor (Transducer)- Governor Pressure - 46RE, 47RE .....		1	97-99	<b>20A-120A</b>	56027720
N.I.	Sensor (Transducer)- Governor Pressure - All.....		1	00-Up	<b>20A-120B</b>	56028196AD
N.I.	Harness Repair - Solenoid - All (Rostra) .....		1	97-Up	<b>35R-302</b>	N.L.
N.I.	Harness Repair - For 15A-627C.....		1	90-Up	<b>35A-627C</b>	4209695

