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Standard and Transfer Case

Transmission Parts Catalog

Standard Transmission and Transfer Case

Comprehensive Vehicle Guide

Differential

Catalog

Transtar Industries Catalog

Replacement Parts for Allison Transmissions

Recon by Transtar

Torque Converter Catalog

This catalog includes the following new Transmissions:

GM	2ML70 6T40 VT25-E
ALLISON	MD3000
FORD	6R140 CFT-30 HD-10
CHRYSLER	AS68RC
AW	AW55-50SN
MAZDA	FNR5
MERCEDES	722.9
NISSAN	RE0F10A JF405E
SUBARU	4EAT
TOYOTA	A750E, A760E AB60E P111 U660E
VW	02E (DCT) 09G (TF60SN)

“2011 Professional Automatic Transmission Parts Catalog”

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Terminology

Terminology	
Assy.....	Assembly
Awd.....	All Wheel Drive
Bearing - Captured.....	Part must be disassembled to replace
Bearing - Caged.....	Similar to a bushing
Bearing - Flat.....	Thrust
Blue Book.....	Rebuild procedures
CVT.....	Continuously Variable Transmission
Dampener.....	Eliminates Torsional Vibration
DCT.....	Dual Clutch Transmission
Dia.....	Diameter
Dry Clutch (DCT).....	Runs Dry similar to a standard clutch
DSG.....	Direct Shift Gearbox
DTC.....	Diagnostic Trouble Code
DTR.....	Digital Transmission Range
ECM.....	Electronic Control Module
EPC.....	Electronic Pressure Control
ESS.....	Engine Speed Sensor
EVT.....	Electronically Variable Transmission
FIPL.....	Fuel Injection Pump Lever
Fwd.....	Front Wheel Drive
Fwd.....	Forward
Green Book.....	Updates
HD.....	Heavy Duty
HP.....	High Performance
IMS.....	Internal Mode Switch
Interm.....	Intermediate
ISM.....	Intelligent Servo Module
ISS.....	Input Speed Sensor
Kolene.....	Heat Treat Process
Lindere.....	Heat Treat Process
LPC.....	Line Pressure Control
Microfelt.....	Filter Element (SPX)
MLP.....	Manual Lever Position
MLPS.....	Manual Lever Position Sensor
N.O.....	Normally Open
NLA.....	No Longer Available
NSS.....	Neutral Safety Switch
O.D.....	Overdrive
O.S.....	Oversized
OD.....	Outer Diameter
OHK.....	Overhaul Kit
OSS.....	Output Speed Sensor
PCA.....	Pressure Control Solenoid "A"
PCB.....	Pressure Control Solenoid "B"

Terminology	
PCS.....	Pressure Control Solenoid
Pkg.....	Package
Powerpak.....	High Performance OEM Replacement
PR.....	Pressure Regulator
Press Reg.....	Pressure Regulator
PRNDL.....	Park, Reverse, Neutral, Drive, Low
PSM.....	Pressure Switch Manifold
PTFE Coated.....	Teflon Coated
PTO.....	Power Take Off
PWM.....	Pulse Width Modulation
Rect.....	Rectangular
Remote.....	External Bypass
repl.....	Replaced
req.....	Required
Rwd.....	Rear Wheel Drive
SLS.....	Shift Pressure Control Solenoid
SLT.....	Throttle Pressure Control Solenoid
SLU.....	Lock-Up Pressure Control Solenoid
Spd.....	Speed
Spl.....	Spline
SSA.....	Shift Solenoid "A"
SSB.....	Shift Solenoid "B"
SSC.....	Shift Solenoid "C"
SSD.....	Shift Solenoid "D"
SSE.....	Shift Solenoid "E"
SSF.....	Shift Solenoid "F"
SSPCA.....	Shift Solenoid Pressure Control "A"
SSPCB.....	Shift Solenoid Pressure Control "B"
SSPCC.....	Shift Solenoid Pressure Control "C"
T.V.....	Throttle Valve
TC.....	Torque Converter
TCC.....	Torque Converter Clutch
TCM.....	Transmission Control Module
TFT.....	Transmission Fluid Temperature
TOT.....	Transmission Oil Temperature
TPS.....	Throttle Position Sensor
TRS.....	Transmission Range Sensor
TSS.....	Turbine Speed Sensor
Turbulator.....	Steels w/ Holes
VFS.....	Variable Force Solenoid
VLP.....	Variable Line Pressure
VSS.....	Vehicle Speed Sensor
Wet Clutch (DCT).....	Runs in Oil

The Transtar Part Numbering System

The new Transtar part numbering system is very easy to use. The part number is based on a **prefix**, **base number**, and **suffix**, that, when broken down, will tell you the almost everything you need to know about the part.

Prefix Letters refer to various part differences, such as the part's origin. Here are some examples of prefix letters and their meanings (although prefixes may differ between product groups):

A	Aftermarket New
B	Borg Warner Brand
C	Core
D	Original Equipment
N	New
P	Premium Parts
R	Remanufactured Hard Parts (Previously AR)

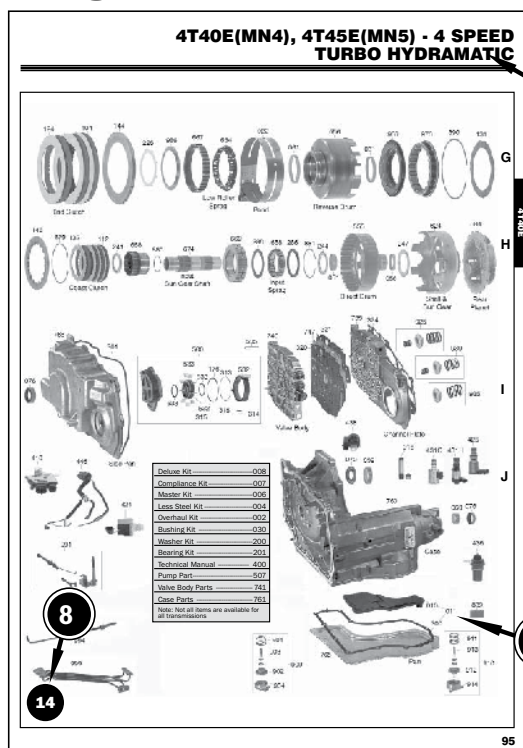
The **Base Number** is made up of two components, beginning with a two or three-digit number that tells you the Transmission Type. You can see the Transmission Type in the Table of Contents on pages three and four of this catalog. For example, "14" is the Transmission Type for an 4T40E. The Transmission Type is also located on the Illustration page, or exploded view, of each transmission.

The next three digits refer to the product group. The numbers "500" for example, tell you that the part is a pump. (For the complete list of product group numbers, please see the "Part Numbering Guide" on our web-site.)

Suffix Letters refer to part differences, such as its design level or material composition. Here are some examples of suffix letters and their meanings (although suffixes may differ between product groups):

F	Fiber Pan Gaskets
HD	Heavy Duty
HP	High Performance
K	Parts in Kit Form

Pages



1. Illustration Number
2. Product Description
3. Quantity used in a standard rebuild
4. Year Coverage
5. Transtar Part Number
6. Reference Number (OE Number)
7. Transmission Name
8. Transmission Type

4T40E(MN4), 4T45E(MN5) 4-SPEED TURBO HYDRAMATIC							
RL	DESCRIPTION	QTY	YEAR	PART NO.	REFERENCE		
DELUXE KITS (SUPER KITS)							
008J	4T40E, 4T45E (w/ Bonded Pistons)	1	95-Up	14008APW	K8900-R		
COMPLIANT KITS (CALIFORNIA KITS)							
007J	4T40E, 4T45E (w/ Bonded Pistons)	1	95-Up	14007APW	CK8900-R		
MASTER OVERHAUL KITS (WITH STEELS)							
006J	4T40E, 4T45E (w/ Bonded Pistons)	1	95-Up	14006APW	K8900		
LESS STEEL KITS							
004J	4T40E, 4T45E (w/ Bonded Pistons)	1	95-Up	14004APW	K8900-LS		
OVERHAUL KITS (W/ RINGS & SEALS)							
002J	4T40E, 4T45E (w/o Bonded Pistons)	1	95-Up	14002ABW	K8900		
002J	4T40E, 4T45E (w/ Bonded Pistons)	1	95-Up	14002APW	K89900M		
FILTER KITS							
011K	Filter Kit	1	95-Up	14011ABW	FK86710		
FILTERS							
010K	Filter	1	95-Up		86710		
016J	Screen, Shift Solenoid (Snaps in Separator Plate)	1	95-Up		61713A		
016J	Screen, Actuator Feed (in Valve Body)	1	95-Up		86712		

VW 01J

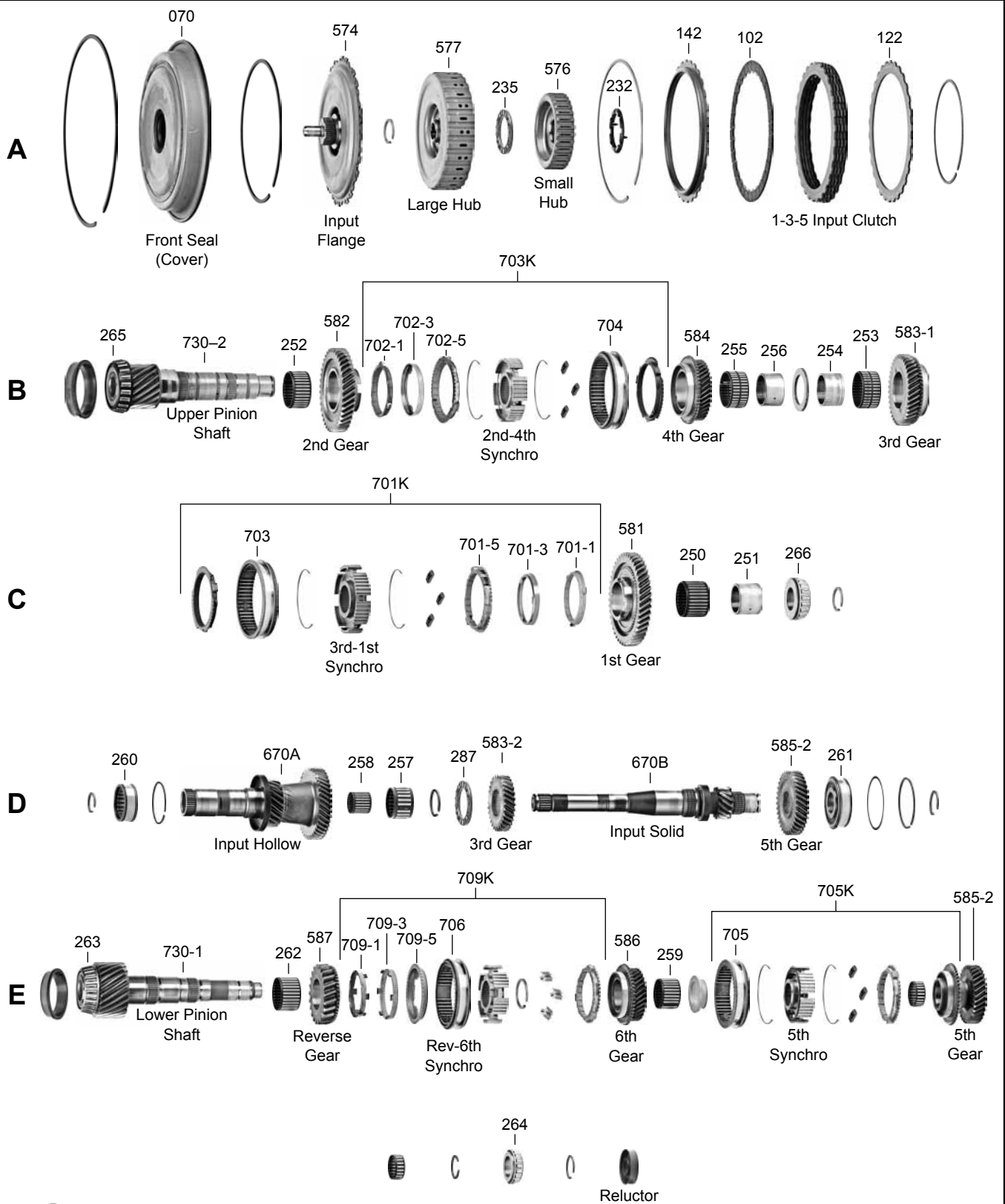


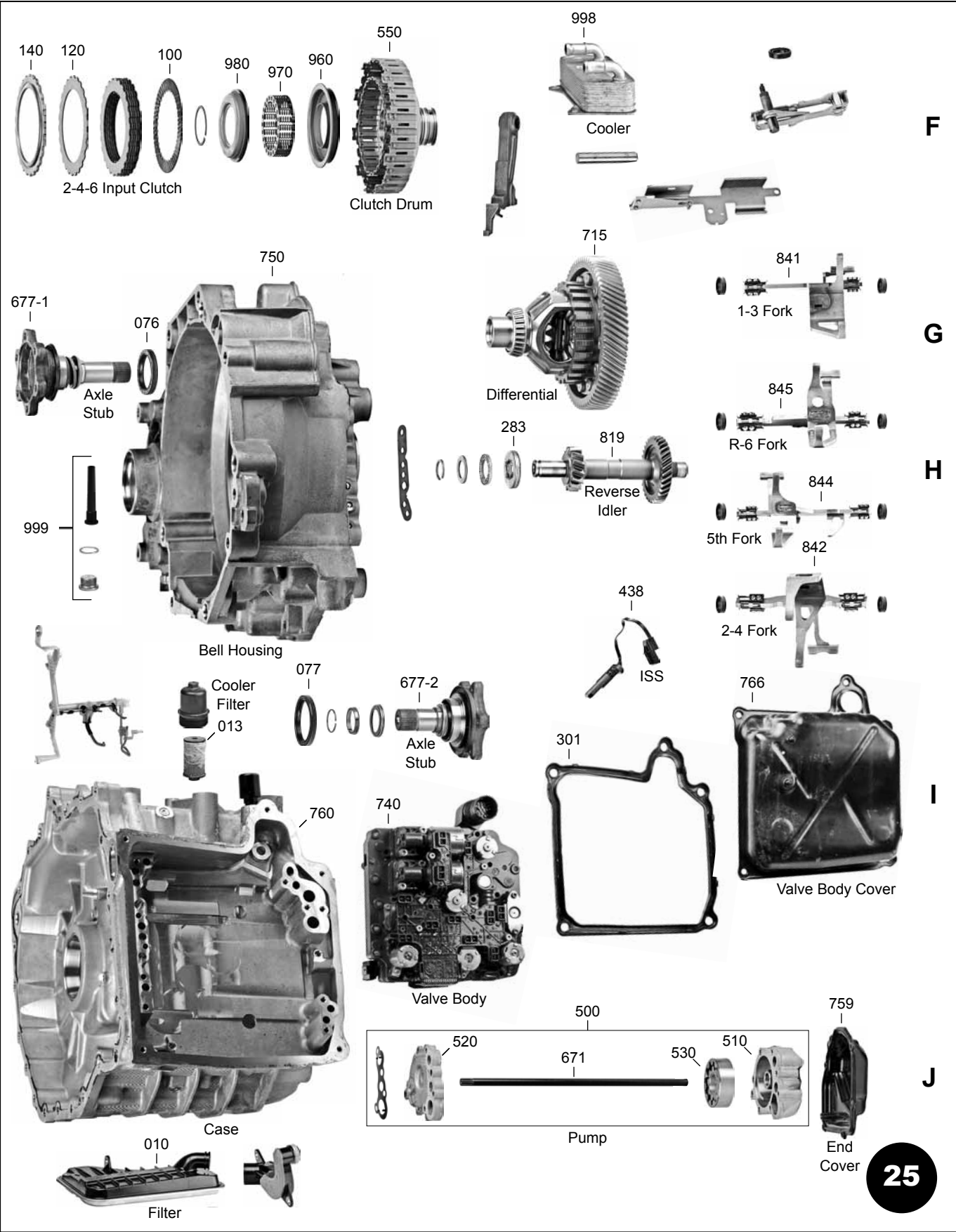
ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REF. NO.
MASTER OVERHAUL KITS (WITH STEELS)					
N.I.	VW 01J	1	02-Up	33006B	N.L.
LESS STEEL KITS					
N.I.	VW 01J	1	02-Up	33004B	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
N.I.	VW 01J	1	02-Up	33002B	N.L.
MISCELLANEOUS COMPONENTS					
010	Filter, 01J (Deep)	1	02-Up	33010B	N.L.
010	Filter, 01J (Shallow)	1	02-Up	33010BA	N.L.
108	Friction, Forward	7	02-Up	33108B	N.L.
110	Friction, Reverse	6	02-Up	33110B	N.L.
128	Steel, Forward	7	02-Up	33128B	N.L.
130	Steel, Reverse	6	02-Up	33130B	N.L.
400	Tech Manual 01J (ATSG).....	1	02-Up	33400BT	01J-CVT DG
495	Filter Tube	1	02-Up	33495B	N.L.

NOTES

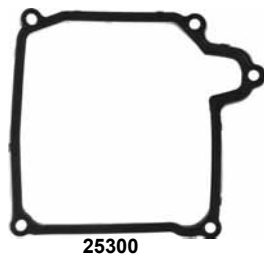
[illegible]

VW 02E (DCT)





VW 02E (DCT)



25300



25010

ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REF. NO.
MASTER OVERHAUL KITS (WITH STEELS)					
N.I.	02E (DCT).....	1	03-Up	25006	N.L.
LESS STEEL KITS					
N.I.	02E (DCT).....	1	03-Up	25004	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
N.I.	02E (DCT).....	1	03-Up	25002	N.L.
SUB KITS					
N.I.	Clutch Sub Kit	1	03-Up	25001	N.L.
FILTERS					
010J	Filter, Main	1	03-Up	25010	02E-325-429D
013I	Filter, Cooler Return.....	1	03-Up	25013	02E-305-051C
METAL CLAD SEALS					
070A	Front (Front Cover) (Bonded)	1	03-Up	25070	02E-301-205B
076G	Axle (Right) (Bell).....	1	03-Up	25076	02T-409-189C
077I	Axle (Left) (Case).....	1	03-Up	25077	02M-301-189B
FRICTION PLATES					
100F	K2 (2-4-6 Input) (Small)	5	03-Up	25100	N.L.
102A	K1 (1-3-5 Input) (Large)	4	03-Up	25102	N.L.
701C	Synchronizer, 1st (Inner).....	1	03-Up	25701-1	N.L.
701C	Synchronizer, 1st (Center)	1	03-Up	25701-3	N.L.
701C	Synchronizer, 1st (Outer).....	1	03-Up	25701-5	N.L.
702B	Synchronizer, 2nd (Inner).....	1	03-Up	25702-1	N.L.
702B	Synchronizer, 2nd (Center).....	1	03-Up	25702-3	N.L.
702B	Synchronizer, 2nd (Outer).....	1	03-Up	25702-5	N.L.
703C	Synchronizer, 3rd	1	03-Up	25703	N.L.
704B	Synchronizer, 4th	1	03-Up	25704	N.L.
705E	Synchronizer, 5th	1	03-Up	25705	N.L.
706E	Synchronizer, 6th	1	03-Up	25706	N.L.
709E	Synchronizer (Reverse) (Inner).....	1	03-Up	25709-1	N.L.
709E	Synchronizer (Reverse) (Center).....	1	03-Up	25709-3	N.L.
709E	Synchronizer (Reverse) (Outer).....	1	03-Up	25709-5	N.L.
STEEL PLATES					
122A	K1 (1-3-5 Input) (Large)	5	03-Up	25122	N.L.
120F	K2 (2-4-6 Input) (Small)	6	03-Up	25120	N.L.
PRESSURE PLATES					
Prefix Key: D = OEM, A = Aftermarket New, U = Quality Inspected					
142A	K1 (1-3-5 Input) (Large)	1	03-Up	25142	N.L.
140F	K2 (2-4-6 Input) (Small)	1	03-Up	25140	N.L.
VALVE BODY RECALIBRATION KITS					
N.I.	Valve Body Kit.....	1	03-Up	25165	N.L.
SEALING RINGS					
N.I.	Sealing Ring Kit	1	03-Up	25175	N.L.

ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REF. NO.
THRUST WASHERS					
232A	Hub to Drum.....	1	03-Up	25232	N.L.
N.I.	Input Shim.....	1	03-Up	25249	N.L.
THRUST BEARINGS					
235A	Hub to Hub Clutch Drum.....	1	03-Up	25235	N.L.
283H	Reverse Idler Gear (Front).....	1	03-Up	25283	N.L.
283H	Reverse Idler Gear (Rear).....	1	03-Up	25283A	N.L.
287D	Input.....	2	03-Up	25287	N.L.
CAGED BEARINGS					
250C	1st Driven Gear.....	1	03-Up	25250	N.L.
251C	1st Driven Sleeve.....	1	03-Up	25251	N.L.
252B	2nd Driven Gear.....	1	03-Up	25252	N.L.
253B	3rd Driven Gear.....	1	03-Up	25253	N.L.
254B	3rd Driven Sleeve.....	1	03-Up	25254	N.L.
255B	4th Driven Gear.....	1	03-Up	25255	N.L.
256B	4th Driven Sleeve.....	1	03-Up	25256	N.L.
257D	5th Driven Gear (Front).....	1	03-Up	25257	N.L.
258D	5th Driven Gear (Rear).....	1	03-Up	25258	N.L.
259E	6th Driven Gear.....	1	03-Up	25259	N.L.
262E	Reverse Driven Gear.....	1	03-Up	25262	N.L.
BALL / TAPERED BEARINGS					
260D	Input (Front).....	1	03-Up	25260	N.L.
261D	Input (Rear).....	1	03-Up	25261	N.L.
263E	Pinion Bearing, Lower (Front).....	1	03-Up	25263	N.L.
264E	Pinion Bearing, Lower (Rear).....	1	03-Up	25264	N.L.
265B	Pinion Bearing, Upper (Front).....	1	03-Up	25265	N.L.
266C	Pinion Bearing, Upper (Rear).....	1	03-Up	25266	N.L.
GASKETS & O-RINGS					
N.I.	Gasket, Valve Body Cover.....	1	03-Up	25301	02E-321-371E
TECHNICAL MANUALS					
N.I. DG	Diagnostic Guide.....	1	03-Up	25400T	VW DSG 02E
ELECTRICAL COMPONENTS					
N.I.	Solenoid (Open Coil).....	1	03-Up	25428	N.L.
N.I.	Solenoid (3 Bolt Holes).....	4	03-Up	25430	N.L.
N.I.	Solenoid (Linear).....	2	03-Up	25432	N.L.
N.I.	Solenoid (45 Degree Bracket).....	2	03-Up	25435	N.L.
438I	Sensor, Input Speed (ISS).....	1	03-Up	25438	N.L.
N.I.	Solenoid (90 Degree Bracket).....	2	03-Up	25439	N.L.
N.I.	Case Connector Plate w/ TCM & Sensors.....	1	03-Up	25444	N.L.
N.I.	Case Connector Plate w/ Solenoids.....	1	03-Up	25446	N.L.
HARD PARTS					
Prefix Key: D = OEM, A = Aftermarket New, R = Remanufactured, U = Quality Inspected					
PUMPS					
500J	Pump Assembly.....	1	03-Up	25500	N.L.
510J	Pump Body.....	1	03-Up	25510	N.L.
520J	Pump Cover.....	1	03-Up	25520	N.L.
530J	Pump Gears.....	1	03-Up	25530	N.L.
DRUMS & CLUTCH HUBS					
550F	Drum, Dual Clutch.....	1	03-Up	25550	N.L.
574A	Hub, Input Flange.....	1	03-Up	25574	N.L.
576A	Hub, Small Clutch.....	1	03-Up	25576	N.L.
577A	Hub, Large Clutch.....	1	03-Up	25577	N.L.

VW 02E (DCT)

ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REF. NO.
SHAFTS					
670D	Input (Hollow).....	1	03-Up	25670A	N.L.
670D	Input (Solid).....	1	03-Up	25670B	N.L.
677G	Axle Bell.....	1	03-Up	25677-1	N.L.
677I	Axle Case.....	1	03-Up	25677-2	N.L.
730E	Lower Pinion.....	1	03-Up	25730-1	N.L.
730B	Upper Pinion.....	1	03-Up	25730-2	N.L.
671J	Pump.....	1	03-Up	25671	N.L.
VALVE BODIES					
740I	Valve Body.....	1	03-Up	25740	N.L.
CASES & HOUSINGS					
750G	Bell Housing.....	1	03-Up	25750	N.L.
760I	Case.....	1	03-Up	25760	N.L.
766I	Cover, Valve Body.....	1	03-Up	25766	N.L.
759J	Cover, End (Bonded).....	1	03-Up	25759	02E-315-141A
DIFFERENTIALS					
715G	Differential.....	1	03-Up	25715	N.L.
MISCELLANEOUS COMPONENTS					
581C	Gear, 1st Driven.....	1	03-Up	25581	N.L.
582B	Gear, 2nd Driven.....	1	03-Up	25582	N.L.
583B	Gear, 3rd Driven.....	1	03-Up	25583-1	N.L.
583D	Gear, 3rd Drive.....	1	03-Up	25583-2	N.L.
584B	Gear, 4th Driven.....	1	03-Up	25584	N.L.
585D	Gear, 5th Driven.....	1	03-Up	25585-1	N.L.
585E	Gear, 5th Drive.....	1	03-Up	25585-2	N.L.
586E	Gear, 6th Driven.....	1	03-Up	25586	N.L.
587E	Gear, Reverse Driven.....	1	03-Up	25587	N.L.
701C	Synchronizer Kit, 1-3.....	1	03-Up	25701K	N.L.
703B	Synchronizer Kit, 2-4.....	1	03-Up	25703K	N.L.
705E	Synchronizer Kit, 5th.....	1	03-Up	25705K	N.L.
709E	Synchronizer Kit, Rev-6.....	1	03-Up	25709K	N.L.
819H	Gear, Reverse Idler.....	1	03-Up	25819	N.L.
841G	Fork, 1-3.....	1	03-Up	25841	N.L.
842H	Fork, 2-4.....	1	03-Up	25842	N.L.
844H	Fork, 5th.....	1	03-Up	25844	N.L.
845G	Fork, Rev-6.....	1	03-Up	25845	N.L.
N.I.	Snap Ring Kit (16 Snap Rings).....	1	03-Up	25860K	N.L.
960F	Piston, K2 (Small Clutch) (Bonded).....	1	03-Up	25960	N.L.
970F	Return Spring (Small Clutch).....	1	03-Up	25976	N.L.
980F	Balance Piston, K2 (Small Clutch) (Bonded).....	1	03-Up	25980	N.L.
998F	Cooler.....	1	03-Up	25998	N.L.
999H	Standpipe, Fluid Level.....	1	03-Up	25999	N.L.
999H	Lube Tube (Large).....	1	03-Up	25999-1	N.L.
999H	Lube Tube (Small).....	1	03-Up	25999-2	N.L.

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VW 09D,TR60SN



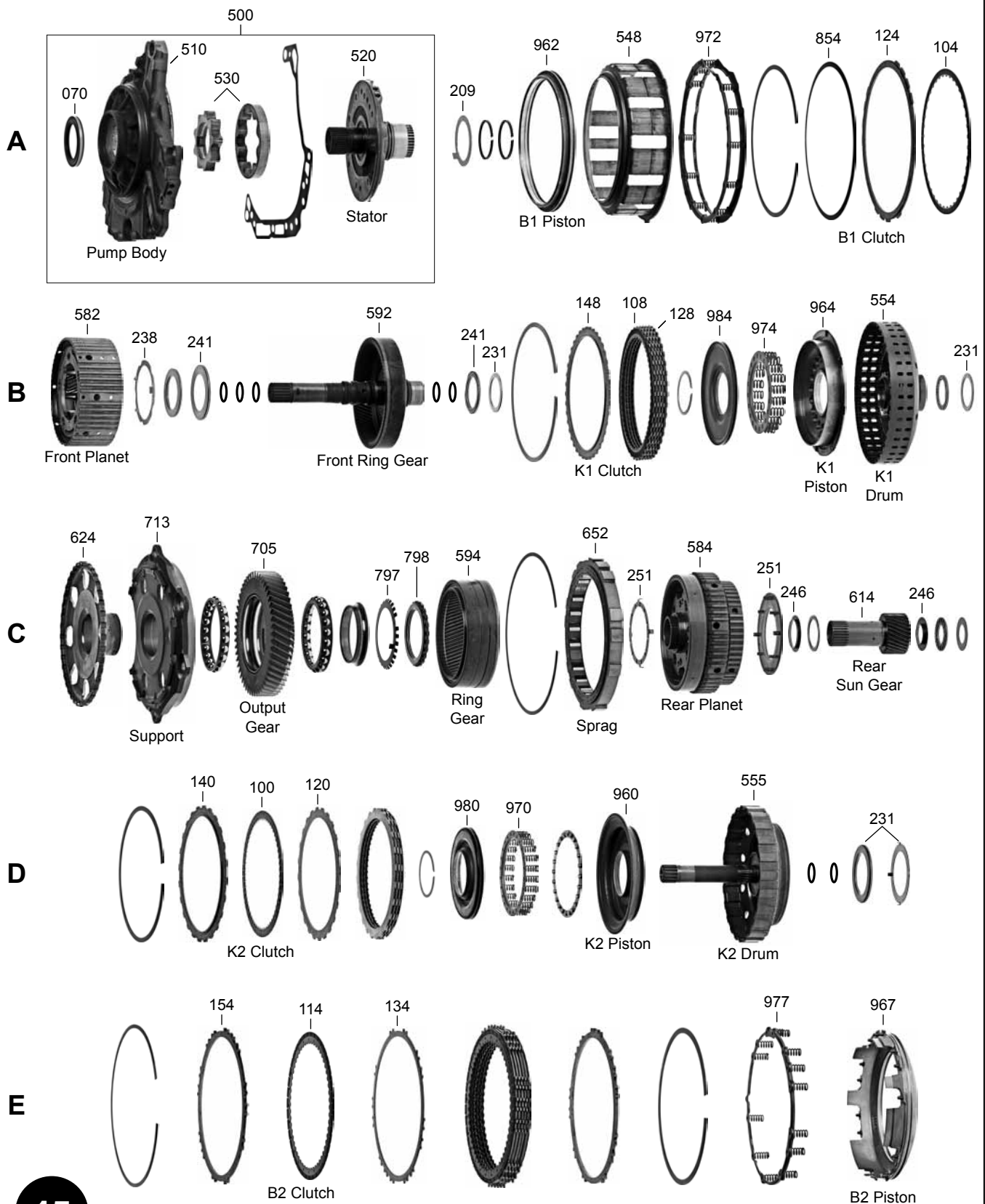
ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REF. NO.
MASTER OVERHAUL KITS (WITH STEELS)					
N.I.	VW 09D (TR60SN)	1	03-07	59006	N.L.
LESS STEEL KITS					
N.I.	VW 09D (TR60SN)	1	03-07	59004	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
N.I.	VW 09D (TR60SN)	1	03-07	59002	N.L.
VALVE BODY RECALIBRATION KITS					
N.I.	Shift Kit®, 09D (04-07 Touareg, 03-06 Porsche Cayenne) (Transgo®)	1	03-07	T59165	SK® 09D
MISCELLANEOUS COMPONENTS					
N.I.	Filter	1	03-07	59010	N.L.
N.I.	Pan Gasket	1	03-07	59300	N.L.
N.I.	Tech Manual VW 09D (TR60SN)	1	03-07	59400	N.L.
N.I.	Valve Body (Premium) (w/ Pressure Switches)	1	03-07	P59740-1	N.L.
N.I.	Valve Body (Premium) (w/o Pressure Switches)	1	03-07	P59740-2	N.L.
VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 8	Accumulator Piston Kit (Can be used in any valve body location)	N.L.	N.I.	S39927K	15741-14K
Vol 8	K1 Clutch Control Valve Kit (T-F-25741-TL25 & T-VB-FIX req)	N.L.	N.I.	59741H-7KA	25741-25K
Vol 8	K2 Clutch/B1 Brake Control Valve Kit (T-F-25741-TL5 & T-VB-FIX req)	N.L.	N.I.	59741H-7KB	25741-05K
Vol 8	K3 Clutch Control Valve Kit (T-F-25741-TL8 & T-VB-FIX req)	N.L.	N.I.	59741H-7KD	25741-08K
Vol 8	Lockup Clutch Control Valve Kit (T-F-25741-TL29 & T-VB-FIX req)	N.L.	N.I.	S59741C-1K	25741-29K
Vol 8	O-Ringed End Plug Kit (9mm)	N.L.	N.I.	S39741-6BK	15741-35K
Vol 8	O-Ringed End Plug Kit (11mm)	N.L.	N.I.	S39741-6AK	15741-36K
Vol 8	Pressure Regulator & End Plug Kit O.S. (F-25741-TL & T-VB-FIX req)	N.L.	N.I.	S59741PK	25741-01K
Vol 8	Secondary Regulator Valve Kit (T-F-25741-TL11 & T-VB-FIX req)	N.L.	N.I.	S59741PAK	25741-11K
Vol 8	Solenoid Modulator Valve Kit (T-F-25741-TL18 & T-VB-FIX req)	N.L.	N.I.	S59741LBK	25741-18K

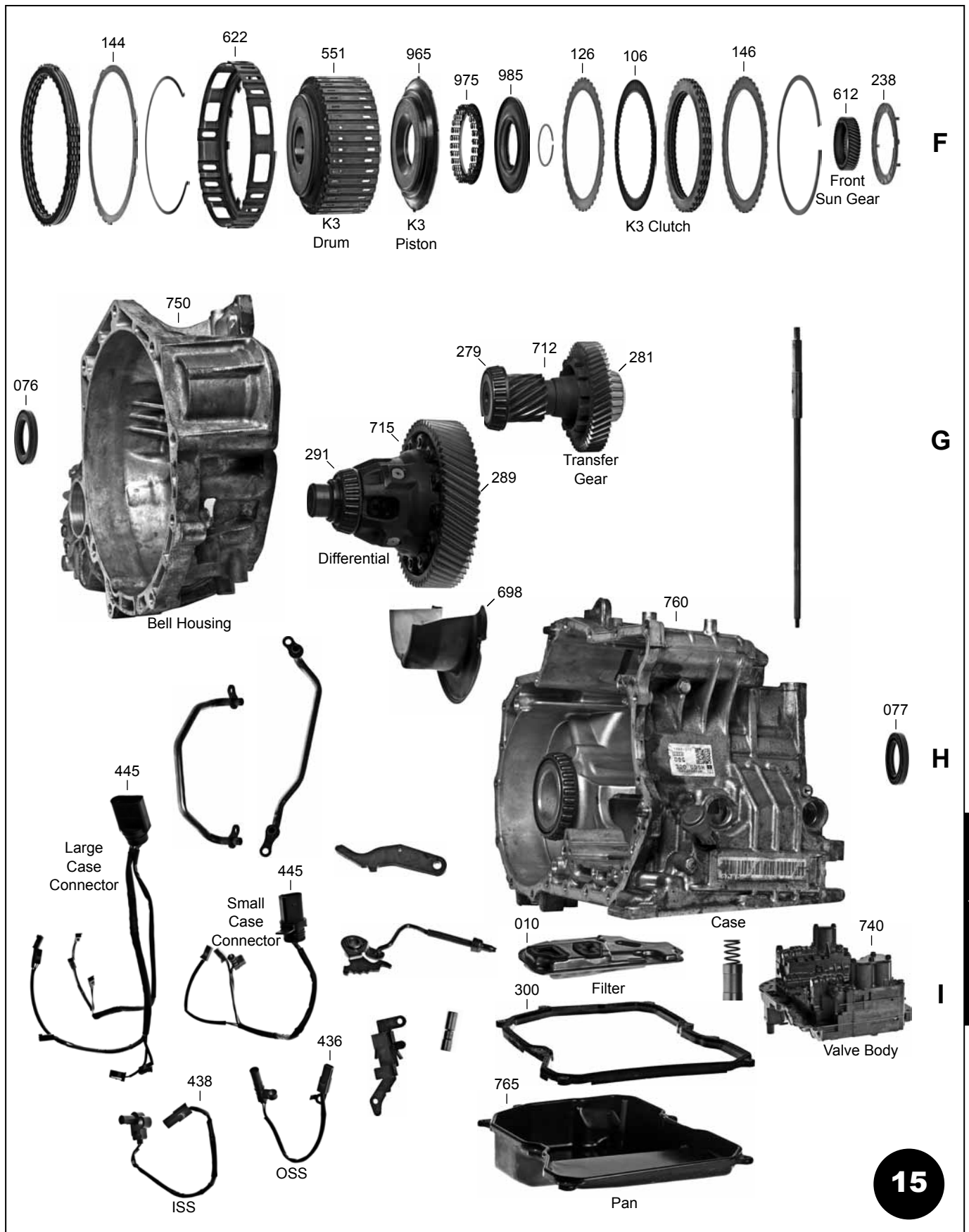
NOTES

09D, TR60SN

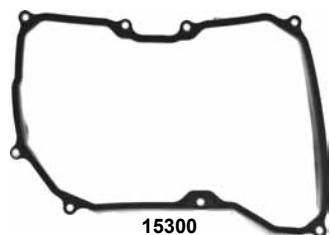
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VW 09G, TF60SN





VW 09G, TF60SN



15300



15010



15010A

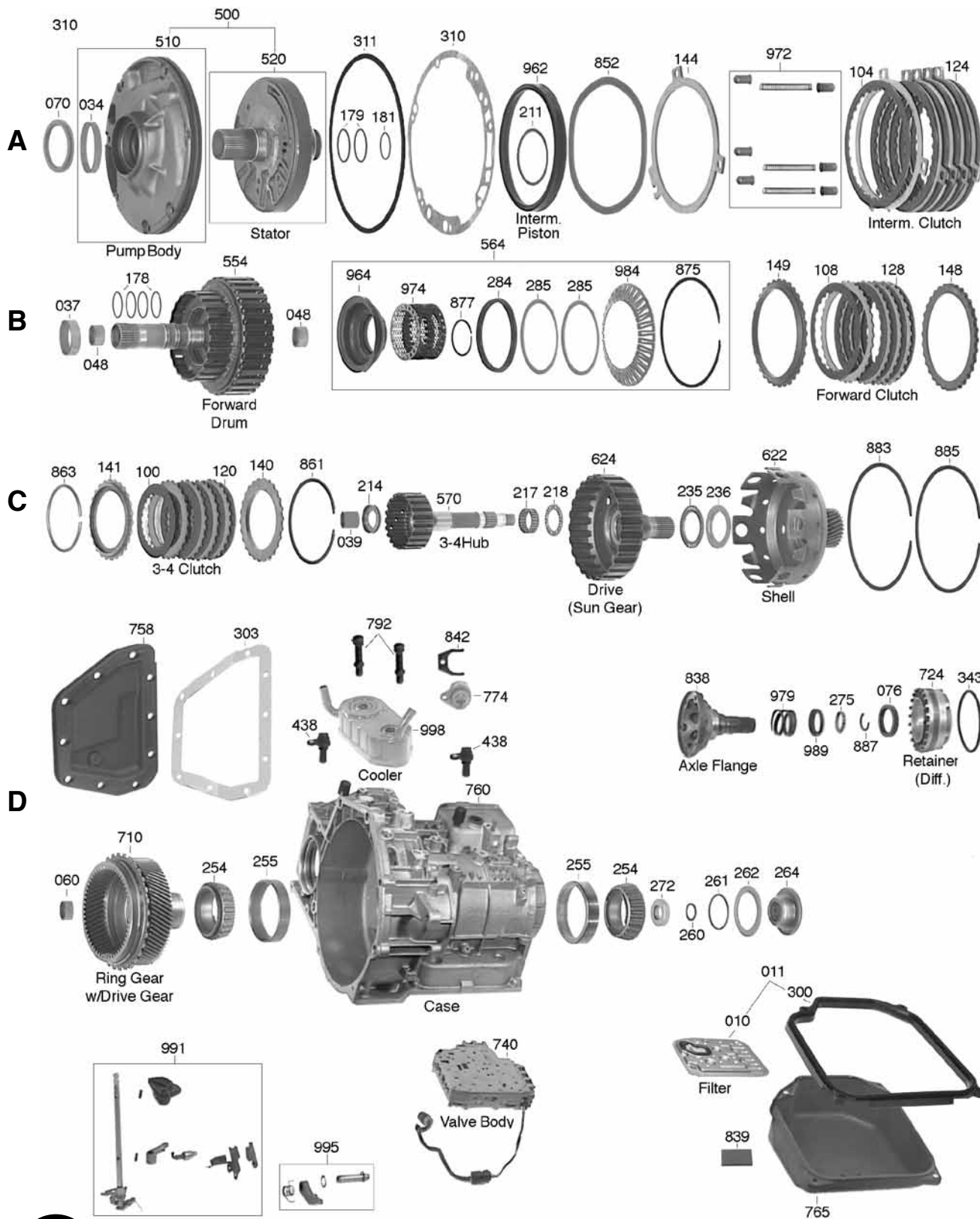
ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REF. NO.
MASTER OVERHAUL KITS (WITH STEELS)					
N.I.	09G (TF60SN) (w/ Pistons) (With .067" K1 Friction).....	1	03-Up	15006	N.L.
N.I.	09G (TF60SN) (w/ Pistons) (With .059" K1 Friction) (2.5L Jetta).....	1	05-Up	15006A	N.L.
N.I.	09K (TF62SN) (w/Pistons).....	1	03-Up	15006B	N.L.
N.I.	09M (w/Pistons).....	1	06-Up	15006C	N.L.
LESS STEEL KITS					
N.I.	09G (TF60SN) (w/ Pistons) (With .067" K1 Friction).....	1	03-Up	15004	N.L.
N.I.	09G (TF60SN) (w/ Pistons) (With .059" K1 Friction) (2.5L Jetta).....	1	05-Up	15004A	N.L.
N.I.	09K (TF62SN) (w/Pistons).....	1	03-Up	15004B	N.L.
N.I.	09M (w/Pistons).....	1	06-Up	15004C	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
N.I.	09G (TF60SN).....	1	03-Up	15002	N.L.
N.I.	09K (TF62SN).....	1	03-Up	15002B	N.L.
N.I.	09M (TF60SN).....	1	06-Up	15002C	N.L.
FILTERS					
010I	09G (Flat Inlet).....	1	03-Up	15010	09G-325-429
010I	09G (Raised Inlet).....	1	03-Up	15010A	N.L.
010I	09K.....	1	05-Up	15010B	N.L.
010I	09M.....	1	06-up	15010C	N.L.
010I	Mini Cooper.....	1	06-up	15010D	N.L.
BUSHINGS					
N.I.	Bushing Kit.....	1	03-Up	15030	N.L.
N.I.	Stator.....	1	03-Up	15036	N.L.
N.I.	Pump.....	1	03-Up	15034	N.L.
N.I.	K3 Drum.....	1	03-Up	15046	N.L.
N.I.	Rear Planet (Front).....	1	03-Up	15053A	N.L.
N.I.	Rear Planet (Rear).....	1	03-Up	15053B	N.L.
N.I.	Forward Sun Gear.....	2	03-Up	15052	N.L.
N.I.	Case.....	1	03-Up	15064	N.L.
N.I.	Case (Oversized) (req T-90330).....	1	03-Up	15064X	N.L.
METAL CLAD SEALS					
070A	Converter.....	1	03-Up	15070	N.L.
N.I.	Manual Lever.....	1	03-Up	60072	91209-612-003
076G	Axle, Right (Bell) (09G).....	1	03-Up	89076	N.L.
076G	Axle, Right (Bell) (09K).....	1	05-Up	15076A	N.L.
077H	Axle, Left (Case) (09G).....	1	03-Up	89076	N.L.
077H	Axle, Left (Case) (09K).....	1	05-Up	15076A	N.L.
FRICTION PLATES					
104A	B1.....	4	03-Up	15104	N.L.
114E	B2.....	6	03-Up	15114	N.L.
108B	K1 (.067").....	5-6	03-Up	15108	N.L.
108B	K1 (.059").....	5	05-Up	15108A	N.L.
100C	K2 (55T) (.067").....	3-5	03-Up	15100	N.L.
100C	K2 (60T) (.059").....	3-5	03-Up	15100A	N.L.
100C	K2 (60T) (.067").....	4	06-Up	15100B	N.L.
106F	K3.....	3	03-Up	15106	N.L.

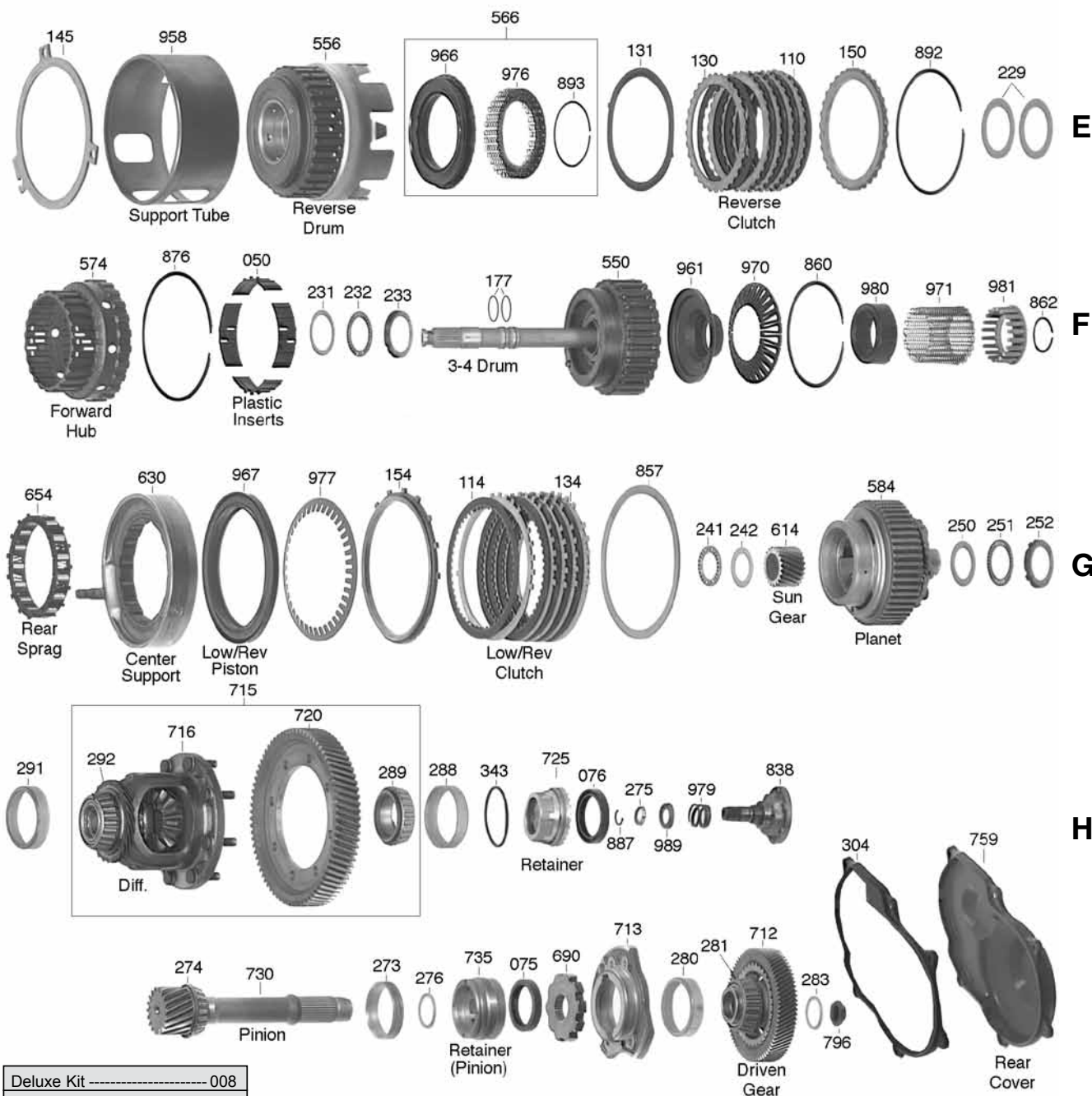
ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REF. NO.
STEEL PLATES					
124A	B1.....	3	03-Up	15124	N.L.
134E	B2.....	5-6	03-Up	15134	N.L.
128B	K1.....	5-6	03-Up	15128	N.L.
120C	K2.....	3-5	03-Up	15120	N.L.
126F	K3.....	3	03-Up	15126	N.L.
PRESSURE PLATES					
Prefix Key: D = OEM, A = Aftermarket New, U = Quality Inspected					
144F	B1.....	1	03-Up	15144	N.L.
154E	B2.....	1	03-Up	15154	N.L.
148B	K1.....	1	03-Up	15148	N.L.
140C	K2.....	1	03-Up	15140	N.L.
146F	K3.....	1	03-Up	15146	N.L.
VALVE BODY RECALIBRATION KITS					
N.I.	Shift Kit®, TF60SN (09G) (Transgo®).....	1	03-Up	T15165	SK® 09G
SEALING RINGS					
N.I.	Sealing Ring Kit.....	1	03-Up	15175	N.L.
THRUST WASHERS					
N.I.	Thrust Washer Kit.....	1	03-Up	15200	N.L.
209A	Stator.....	1	03-Up	15209	N.L.
238F	Front Planet (Front).....	1	03-Up	15238A	N.L.
238B	Front Planet (Rear).....	1	03-Up	15238B	N.L.
251A	Rear Planet (Front).....	1	03-Up	15251A	N.L.
251B	Rear Planet (Rear).....	1	03-Up	15251B	N.L.
BEARINGS & RACES					
241B	Front Ring Gear (Front).....	1	03-Up	15241A	N.L.
241B	Front Ring Gear (Rear).....	1	03-Up	15241B	N.L.
289G	Final Drive Bearing Rear (exc Awd).....	1	03-Up	15289	N.L.
289G	Final Drive Bearing Rear (Awd).....	1	03-Up	15289A	N.L.
291G	Final Drive Bearing Front (exc Awd).....	1	03-Up	15291	N.L.
291G	Final Drive Bearing Front (Awd).....	1	03-Up	15291A	N.L.
281G	Output Drive Bearing.....	2	03-Up	15281	N.L.
279G	Transfer Gear Bearing.....	1	03-Up	15279	N.L.
246C	Rear Sun Gear (Front).....	1	03-Up	15246A	N.L.
246C	Rear Sun Gear (Rear).....	1	03-Up	15246B	N.L.
231B	K1 Drum (Rear).....	1	03-Up	15231A	N.L.
231B	K2 Drum (Rear).....	1	03-Up	15231B	N.L.
GASKETS & O-RINGS					
300I	Gasket, Bottom Pan (09G) (8 Bolt) (Molded Rubber).....	1	03-Up	15300	N.L.
300I	Gasket, Bottom Pan (09K) (7 Bolt) (Molded Rubber).....	1	05-Up	15300A	N.L.
300I	Gasket, Bottom Pan (09M) (9 Bolt) (Molded Rubber).....	1	06-Up	15300B	N.L.
N.I.	Gasket, Pump.....	1	03-Up	15310	N.L.
N.I.	O-Ring, Pump.....	1	03-Up	15311	N.L.
TECHNICAL MANUALS					
N.I.	Technical Manual.....	1	03-Up	15400	VW09G/09M
N.I.	Diagnostic Guide (09G, 09M, TF60-SN).....	1	03-Up	15400T	TF60-SN
ELECTRICAL COMPONENTS					
410	Switch, MLPS.....	1	03-Up	15410	N.L.
421	Solenoid, Shift (On/Off).....	2	03-Up	15421A	N.L.
431	Solenoid, PCS (Black Connector w/o Stripe).....	1	03-Up	15431	N.L.
431	Solenoid, PCS (Black Connector w/ Stripe).....	4	03-Up	15431A	N.L.
431	Solenoid, PCS (Grey Connector w/ Stripe).....	1	03-Up	15431E	N.L.
436I	Sensor, Output Speed (OSS).....	1	03-Up	15436	N.L.
438I	Sensor, Input Speed (ISS).....	1	03-Up	15438	N.L.
445I	Harness w/ Small Connector (09G exc Mini Cooper).....	1	03-Up	15445A	N.L.
445I	Harness w/ Large Connector (09G exc Mini Cooper).....	1	03-Up	15445B	N.L.

VW 09G, TF60SN

ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REF. NO.
HARD PARTS					
Prefix Key: D = OEM, A = Aftermarket New, R = Remanufactured, U = Quality Inspected					
PUMPS					
500A	Pump Assembly (w/ Integral Cooler).....	1	03-Up	15500	N.L.
510A	Pump Body	1	03-Up	15510	N.L.
520A	Pump Cover	1	03-Up	15520	N.L.
530A	Pump Gears (9T Inner)	1	03-Up	15530	N.L.
DRUMS & CLUTCH HUBS					
551F	K3.....	1	03-Up	15551	N.L.
554B	K1.....	1	03-Up	15554	N.L.
555D	K2.....	1	03-Up	15555	N.L.
PLANETS					
582B	Planet, Front (5 Gear).....	1	03-Up	15582	N.L.
584C	Planet, Rear w/ Sun Gear (8 Gear).....	1	03-Up	15584	N.L.
592B	Ring Gear, Front w/ Shaft	1	03-Up	15592	N.L.
594C	Ring Gear, Rear	1	03-Up	15594	N.L.
SUN GEARS, SHELLS & SUPPORTS					
612F	Sun Gear, Front (44T).....	1	03-Up	15612	N.L.
614C	Sun Gear, Rear (Forward) (30T, 28 Spline)	1	03-Up	15614	N.L.
622F	Shell, B1.....	1	03-Up	15622	N.L.
624C	Shell, Sun Gear.....	1	03-Up	15624	N.L.
SPRAGS					
652C	Low (One Way Clutch).....	1	03-Up	15652	N.L.
VALVE BODIES					
740I	Valve Body (Premium) w/ Switches (Case Cooler) (04-06/04)	1	04-E04	P15740-1	N.L.
740I	Valve Body (Premium) w/ Switches (Remote Cooler) (04-06/04)	1	04-E04	P15740-2	N.L.
740I	Valve Body (Premium) No Switches (Case Cooler) (07/04-Up).....	1	L04-Up	P15740-3	N.L.
740I	Valve Body (Premium) No Switches (Remote Cooler) (07/04-Up)	1	L04-Up	P15740-4	N.L.
CASES & HOUSINGS					
750G	Bell Housing (w/ Integral Cooler)	1	03-Up	15750	N.L.
760H	Case (w/ Integral Cooler).....	1	03-Up	15760	N.L.
765I	Pan (09G) (8 Bolt) (Corner Stand Pipe).....	1	03-08	15765	N.L.
765I	Pan (09K) (7 Bolt) (Center Stand Pipe)	1	03-08	15765B	N.L.
765I	Pan (09M) (9 Bolt).....	1	03-08	15765C	N.L.
765I	Pan (Mini-Cooper) (8 Bolt)	1	03-08	15765D	N.L.
DIFFERENTIALS					
715G	2wd (58T Ring Gear)	1	03-Up	15715A	N.L.
715G	Awd	1	03-Up	15715B	N.L.
MISCELLANEOUS COMPONENTS					
548A	Apply Ring, B1	1	03-08	15548	N.L.
705C	Gear, Output (Drive) (53T Outer, 77T Inner).....	1	03-08	15705	N.L.
712G	Gear, Transfer w/ Pinion (15T / 48T).....	1	03-08	15712	N.L.
713C	Support, Drive Gear	1	03-Up	15713	N.L.
797C	Gear Support Lock.....	1	03-08	15797	N.L.
798C	Gear Support Nut.....	1	03-08	15798	N.L.
854A	Cushion, B1	1	03-08	15854	N.L.
960D	Piston, K2 (Bonded).....	1	03-08	15960	N.L.
N.I.	Piston Kit (Bonded).....	1	03-08	15960K	N.L.
962A	Piston, B1.....	1	03-08	15962	N.L.
964B	Piston, K1.....	1	03-08	15964	N.L.
965F	Piston, K3.....	1	03-08	15965	N.L.
967E	Piston, B2.....	1	03-08	15967	N.L.
970D	Return Spring, K2	1	03-08	15970	N.L.
972A	Return Spring, B1	1	03-08	15972	N.L.
974B	Return Spring, K1	1	03-08	15974	N.L.

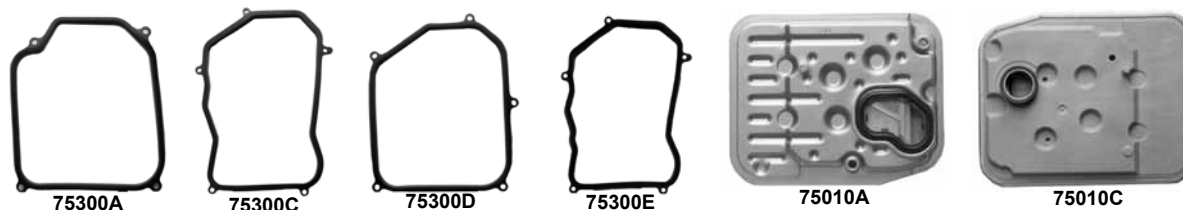
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Deluxe Kit	008
Compliance Kit	007
Master Kit	006
Less Steel Kit	004
Overhaul Kit	002
Bushing Kit	030
Washer Kit	200
Bearing Kit	201
Technical Manual	400
Pump Part	507
Valve Body Parts	741
Case Parts	761
Note: Not all items are available for all transmissions	

VW AG4



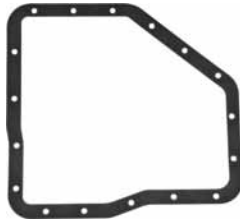
ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REF. NO.
MASTER OVERHAUL KITS (WITH STEELS)					
006H	w/ Molded Pistons, AG4-095, AG4-096	1	90-E94	75006AAP	N.L.
006H	w/ Molded Pistons, AG4-096 (01M)	1	L94-Up	75006ABP	N.L.
006H	w/ Molded Pistons, AG4-096 (01M) (uses 1 sided K3 Frictions).....	1	00-Up	75006ACP	N.L.
006H	w/ Molded Pistons, AG4-097.....	1	91-E94	75006CAP	N.L.
006H	w/ Molded Pistons, AG4-097 (01N).....	1	L94-Up	75006CBP	N.L.
006H	w/ Molded Pistons, AG4-098.....	1	92-E94	75006DAP	N.L.
006H	w/ Molded Pistons, AG4-098 (01P).....	1	L94-Up	75006DBP	N.L.
LESS STEEL KITS					
004H	w/ Molded Pistons, AG4-095, AG4-096	1	90-E94	75004AAP	N.L.
004H	w/ Molded Pistons, AG4-096 (01M)	1	L94-Up	75004ABP	N.L.
004H	w/ Molded Pistons, AG4-096 (01M) (uses 1 sided K3 Frictions).....	1	00-Up	75004ACP	N.L.
004H	w/ Molded Pistons, AG4-097.....	1	91-E94	75004CAP	N.L.
004H	w/ Molded Pistons, AG4-097 (01N).....	1	L94-Up	75004CBP	N.L.
004H	w/ Molded Pistons, AG4-098.....	1	92-E94	75004DAP	N.L.
004H	w/ Molded Pistons, AG4-098 (01P).....	1	L94-Up	75004DBP	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
002H	095, 096 (01M) (w/o Pistons).....	1	90-Up	75002A	N.L.
002H	097 (01N) (w/o Pistons) (Combo)	1	91-Up	75002C	N.L.
002H	098 (01P) (w/o Pistons)	1	92-Up	75002D	N.L.
FILTER KITS					
011D	Filter Kit (Round Inlet, Oval Outlet) (90-1/95)	1	90-E95	75011A	N.L.
011D	Filter Kit (Round Inlet, Round Outlet) (2/95-Up).....	1	L95-Up	75011C	N.L.
FILTERS					
010D	Filter (Round Inlet, Oval Outlet) (90-1/95).....	1	90-E95	75010A	095-325-429D
010D	Filter (Round Inlet, Round Outlet) (2/95-Up).....	1	L95-Up	75010C	01M-325-429
BUSHINGS					
030H	Bushing Kit.....	1	90-Up	75030A	N.L.
030H	Bushing Kit w/ Washers	1	90-Up	75030B	N.L.
034A	Pump Body	1	90-Up	75034A	N.L.
037B	Forward Drum To Stator.....	1	90-Up	75037A	N.L.
060D	Sun Gear.....	1	90-Up	75060A	N.L.
N.I.	Nylon Insert, "E" Drum (.650" Wide)	4	90-Up	75050B	N.L.
N.I.	Nylon Insert, "E" Drum (.770" Wide)	4	90-Up	75050A	N.L.
METAL CLAD SEALS					
070A	Front.....	1	90-Up	75070A	095-321-243D
076D	Axle (Both Sides) (095, 096, 01M).....	2	90-Up	65076A	020-301-189M
076D	Axle (Both Sides) (098, 01P)	2	90-Up	65076B	016-409-399B
077D	Axle (Right) (097,01N)	1	90-Up	75076	097-409-399A
080	End Cap, Output / Pinion Gears (097,01N)	1	90-Up	75080	097-321-073A
081	End Cap, End Cover (097,01N)	1	90-Up	75081	097-321-491A
FRICTION PLATES					
100C	3-4 Clutch (K3) (3.75" OD).....	4-6	90-95	75100A	095-323-941A
100C	3-4 Clutch (K3) (4.00" OD).....	4-6	96-Up	75100AB	095-323-941C
100C	3-4 Clutch (K3) (1 Sided Friction, Internal Teeth) 01M.....	7	00-Up	75100B	N.L.
120C	3-4 Clutch (K3) (1 Sided, External Teeth) 01M	6	00-Up	75120B	N.L.
140C	3-4 Clutch (K3) (1 Sided, External Teeth) 01M (Pr. Plate)	1	00-Up	75140B	N.L.
104A	Intermediate (B2)	5-6	90-Up	75104A	095-323-465D

ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REF. NO.
FRICTION PLATES (Cont.)					
108B	Forward (K1)	4-5	90-Up	75108A	095-323-241A
110E	Reverse (K2)	4-5	90-Up	75108A	095-323-241A
114G	Low/ Reverse (B1) (Smooth)	4-6	90-Up	75114A	095-323-231A
114G	Low/ Reverse (B1) (Grooved)	4-6	90-Up	75114B	N.L.
STEEL PLATES					
120C	3-4 Clutch (K3) (.079") (3.75" OD)	3-5	90-95	75120A	N.L.
120C	3-4 Clutch (K3) (.057") (4.00" OD)	3-5	96-Up	75120AA	N.L.
120C	3-4 Clutch (K3) (.063") (4.00" OD)	3-4	96-Up	75120AB	N.L.
120C	3-4 Clutch (K3) (.079") (4.00" OD)	3-4	96-Up	75120AC	N.L.
124A	Intermediate (B2) (.079")	5-6	90-Up	75124A	097-323-463
124A	Intermediate (B2) (.089")	AR	90-Up	75124AA	N.L.
124A	Intermediate (B2) (.098")	AR	90-Up	75124AB	N.L.
124A	Intermediate (B2) (.118")	AR	90-Up	75124AD	N.L.
128B	Forward (K1) (.079")	4-5	90-95	75128A	N.L.
128B	Forward (K1) (.057")	4-5	96-Up	75128AA	N.L.
130E	Reverse (K2)	5	90-Up	75128A	N.L.
134G	Low/ Reverse (B1) (.079")	5	90-95	75134A	095-323-227
134G	Low/ Reverse (B1) (.057")	5-6	96-Up	75134AA	N.L.
PRESSURE PLATES					
Prefix Key: D = OEM, A = Aftermarket New, U = Quality Inspected					
140C	Pressure Plate, 3-4 Clutch (Top) (K3)	1	90-Up	75140A	N.L.
140C	3-4 Clutch (K3) (1 Sided, External Teeth) 01M	1	00-Up	75140B	N.L.
141C	Apply Plate, 3-4 Clutch (Bottom) (K3)	1	90-Up	75141AK	N.L.
VALVE BODY RECALIBRATION KITS					
174H	Shift Kit®, VW 01M (95-04) (Transgo®)	1	95-04	T75165	SK® VW 01M
174H	Sure Cure Kit (096, 097, 098) (T-F-119940-TL6, -TL7, TL8 & T-VB-FIX req)	1	90-Up	S75174	SC-096/097/098
174H	Sure Cure Kit (01M, 01N, 01P) (T-F-119940-TL3, -TL4, -TL5, -TL6, T-VB-FIX)	1	90-Up	S75174A	01M/01N/01P
SEALING RINGS					
175H	Ring Kit	1	90-Up	75175A	N.L.
THRUST WASHERS					
200H	Bushing Kit w/ Washers	1	90-Up	75030B	119905-01K
211A	Stator To Reverse Drum (Plastic)	1	90-Up	75211A	095-323-345
229E	Rev Clutch Drum To Forward Clutch Drum (Plastic # 3)	1	90-Up	75229A	095-323-345
GASKETS & O-RINGS					
300D	Gasket, Bottom Pan 095, 096 (01M)	1	90-Up	75300A	095-321-371
300D	Gasket, Bottom Pan 097 (01N)	1	90-E95	75300C	097-321-371
300D	Gasket, Bottom Pan 097 (01N)	1	L95-Up	75300E	01N-321-370
300D	Gasket, Bottom Pan 098 (01P)	1	90-Up	75300D	098-321-370
304H	Gasket, End Cover (Bonded) (095, 096)	1	90-Up	75304A	096-321-488
304H	Gasket, End Cover (Bonded) (098)	1	92-94	75304B	N.L.
304H	Gasket, End Cover (Bonded) (098)	1	95-Up	75304C	N.L.
310A	Gasket, Pump	1	90-L94	75310A	095-321-385A
310A	Gasket, Pump (1/95-Up)	1	E95-Up	75310B	N.L.
311A	O-Ring, Pump	1	90-Up	75311A	095-321-386
TECHNICAL MANUALS					
400H	Technical Manual (Exc. 01M Passat)	1	90-Up	75400A	PASSAT
400H	Diagnostic Guide (01M)	1	90-Up	75400D	VW01M
ELECTRICAL COMPONENTS					
410	Switch, Multi Function (PRNDL) (7 Prong Square)	1	90-E94	75410	N.L.
410	Switch, Multi Function (PRNDL) (7 Prong Round)	1	L94-97	75410A	095-919-823B
410	Switch, Multi Function (PRNDL) (7 Prong 90°)	1	98-Up	75410B	095-919-823F
421	Solenoid, Shift	5-6	90-Up	75421A	119952-01
431	Solenoid, Electric Pressure Control (EPC)	1-2	90-Up	75431A	119954-01
438D	Sensor, Output (Same as 75438) (Also Input Sensor All Applications)	2	90-Up	75438	N.L.
438D	Sensor, Output (Longer than 75438)	1	90-Up	75436A	N.L.

ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REF. NO.
ELECTRICAL COMPONENTS (Cont.)					
446	Wire Harness, Internal (Retros 096, 097, 098 USA, 01M, 01N, 01P USA)	1	90-Up	75446	N.L.
446	Wire Harness, Internal w/ Connector 095, 096 (15" Long Harness).....	1	90-94	75446A	119957
446	Wire Harness, Internal w/ Connector 01M (18.500" Long Harness).....	1	93-Up	75446B	119957A
446	Wire Harness, Internal w/ Connector 097, 01N	1	91-Up	75446C	119957B
446	Wire Harness, Internal w/ Connector 098, 01P (USA).....	1	92-Up	75446D	119957C
VALVE BODIES					
740D	Valve Body (Premium) (095, 096) (Kidney Shaped Filter Area).....	1	90-94	P75740-4	N.L.
740D	Valve Body (Premium) (Lock-Up)	1	94-96	P75740-1	N.L.
740D	Valve Body (Premium) (Lock-Up)	1	97-98	P75740-2	N.L.
740D	Valve Body (Premium) (Lock-Up)	1	99-Up	P75740-3	N.L.
741D	Kit, Bore Plug (7 Push In Plugs)	1	90-Up	75741G-6K	119940K
741D	Plug, Pressure Adjust (Threaded).....	1	90-Up	75741F-6	N.L.
MISCELLANEOUS COMPONENTS					
496	Kit, Cooler Adapter (095)	1	90-Up	75496K	N.L.
500A	Pump Assembly, AG4, 095-098 (4 Hole Stator) (Damper Type).....	1	90-94	75500	N.L.
500A	Pump Assembly, 01M, 01N, 01P (10 Hole Stator) (Lock-Up Type).....	1	94-Up	75500A	N.L.
550F	Drum, 3-4/Direct w/ Hollow Shaft (4 Clutch)	1	90-94	75550A	N.L.
550F	Drum, 3-4/Direct w/ Solid Shaft (4 Clutch).....	1	95-Up	75550B	N.L.
554B	Drum, Forward w/ Hollow Shaft (5 Clutch).....	1	90-94	75554A	N.L.
554B	Drum, Forward w/ Solid Shaft (5 Clutch)	1	95-Up	75554B	N.L.
556E	Drum, Reverse (5 Clutch) (095-098, 01M).....	1	90-Up	75556A	N.L.
584G	Planet, Rear (096).....	1	90-Up	75584	N.L.
622C	Shell w/ Sun Gear (24T)	1	90-Up	75622B	N.L.
624C	Hub, Drive w/ Hollow Shaft	1	90-Up	75624A	N.L.
630G	Center Support w/ Sprag	1	90-Up	75630A	N.L.
654G	Roller Clutch, Low	1	90-Up	75654AA	1696655
960F	Piston Set (Bonded) (5 Piston Trans)	1	90-E94	75960AK	N.L.
960F	Piston Set (Bonded) (7 Piston Trans)	1	L94-Up	75960BK	N.L.
961F	Piston, 3-4 Clutch (K3) (Bonded)	1	90-E94	75961	095-323-927A
961F	Piston, 3-4 Clutch (K3) (Bonded).....	1	L94-Up	75961A	095-323-927G
961F	Piston Retainer, 3-4 Clutch (Bonded)	1	L94-Up	75961B	095-323-977C
962A	Piston, 2-4 Clutch (B2) (Bonded)	1	90-Up	75962	095-323-531B
964B	Piston, Forward (K1) (Bonded)	1	90-E94	75964	095-323-217B
964B	Piston, Forward (K1) (Bonded)	1	L94-Up	75964A	095-323-217G
964B	Piston Retainer, Forward Clutch (Bonded)	1	L94-Up	75964B	095-323-257
966E	Piston, Reverse Clutch (K2) (Bonded).....	1	90-Up	75966	095-323-121E
967G	Piston, Low/ Reverse (B1) (Bonded)	1	90-Up	75967	095-323-479
Tool	Pinion Shaft Remover Kit (095, 096, 01M)	1	90-Up	T-7500	N.L.
UNIT	SONNAX PRODUCTS (096, 097, 098)	PAGE	ILL.	PART NO.	SONNAX NO.
096-98	Boost Regulator Valve Kit (T-F-119940-TL7 & T-VB-FIX req).....	138	9	S75741FK	119940-07K
096-98	Bushing & Thrust Washer Kit (T-119905-TL1, -TL2, -TL5 Recommended).....	138	N.I.	75030B	119905-01K
096-98	Main Pressure Regulator Valve Kit (T-F-119940-TL8 & T-VB-FIX req).....	138	7	S75741PK	119940-08K
096-98	Manual Valve Operating Rod	138	N.I.	S75994	119940-23
096-98	Ratcheting End Plug (T-119940-TL9 req)	138	8	S75741F-6	119940-22
096-98	Remote Transmission Cooler Adapter Kit	138	N.I.	75496K	119814-01K
096-98	Solenoid - EPC, all units, TCC - Phase 2 Units only.....	138	3	S75741F	119954-02
096-98	Solenoid Regulator Valve Kit (F-119940-TL6 & T-VB-FIX req).....	138	4	S75741H-1	119940-06K
096-98	Sure Cure Kit, Phase 0 & 1 (T-F-119940-TL6, -TL7, -TL8 & T-VB-FIX req).....	138	N.I.	S75174	SC-096-98
UNIT	SONNAX PRODUCTS (01M, 01N, 01P)	PAGE	ILL.	PART NO.	SONNAX NO.
01M-1P	Aluminum Shift Cup – Large	138	5c	75741G-6KA	119940-12
01M-1P	Aluminum Shift Cup – Medium	138	5a	75741G-6KB	119940-10
01M-1P	Aluminum Shift Cup – Small	138	5b	75741G-6KC	119940-11
01M-1P	Aluminum Shift Cup Kit	138	5	75741G-6K	119940K
01M-1P	Boost Regulator Valve Kit (T-F-119940-TL5 & T-VB-FIX req).....	138	9	S75741FAK	119940-05K
01M-1P	Bushing & Thrust Washer Kit (T-119905-TL1, -TL2, -TL5 Recommended).....	138	N.I.	75030B	119905-01K
01M-1P	Check Ball Springs (10 per bag).....	138	N.I.	75741-3	119940-20
01M-1P	Main Pressure Regulator Valve Kit (T-F-119940-TL3 & T-VB-FIX req).....	138	7	S75741PAK	119940-03K
01M-1P	Manual Valve Operating Rod	138	N.I.	S75994	119940-23
01M-1P	Ratcheting End Plug (T-119940-TL9 req)	138	8	S75741F-6	119940-22

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VW JF404E



83300GF



83010G

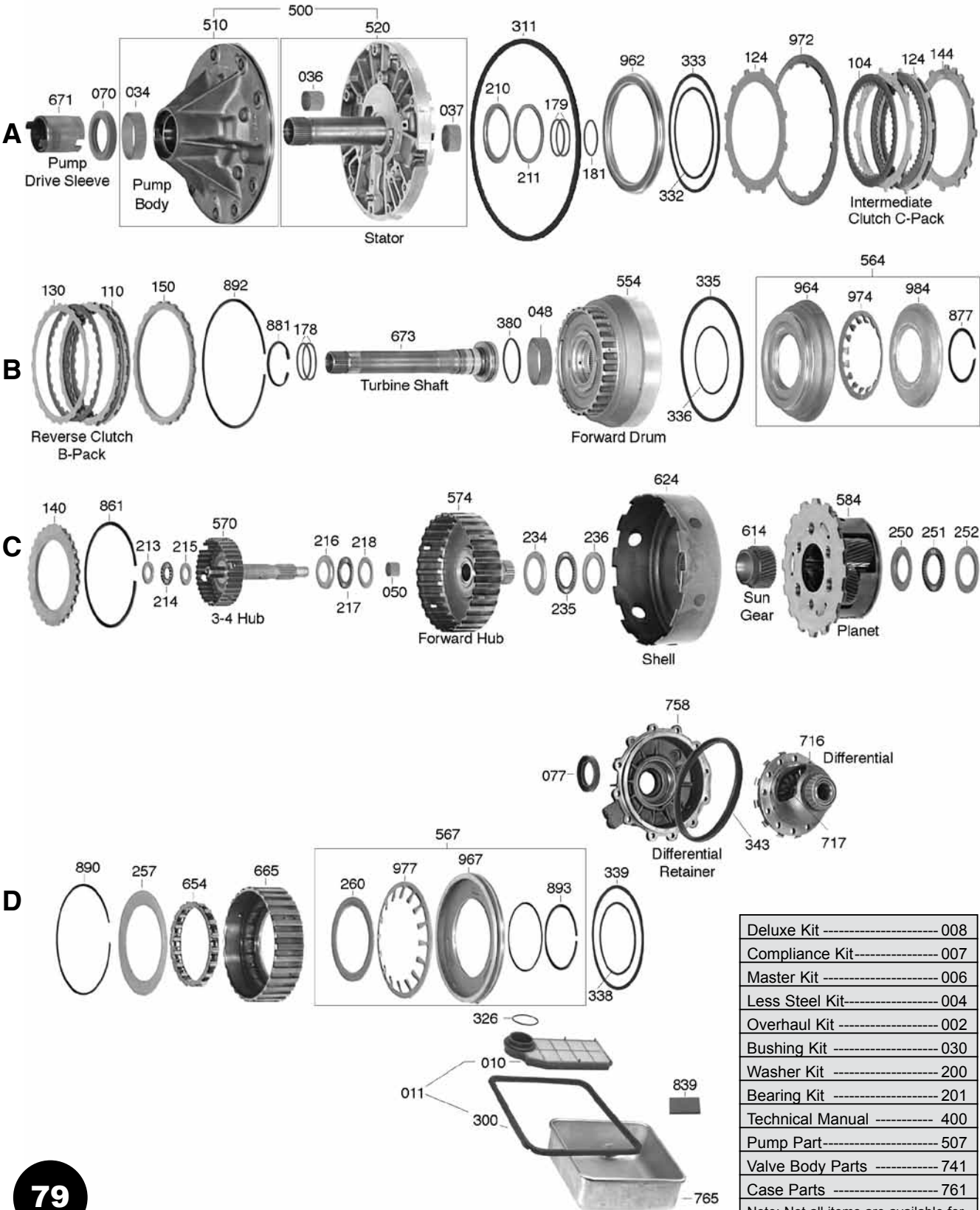


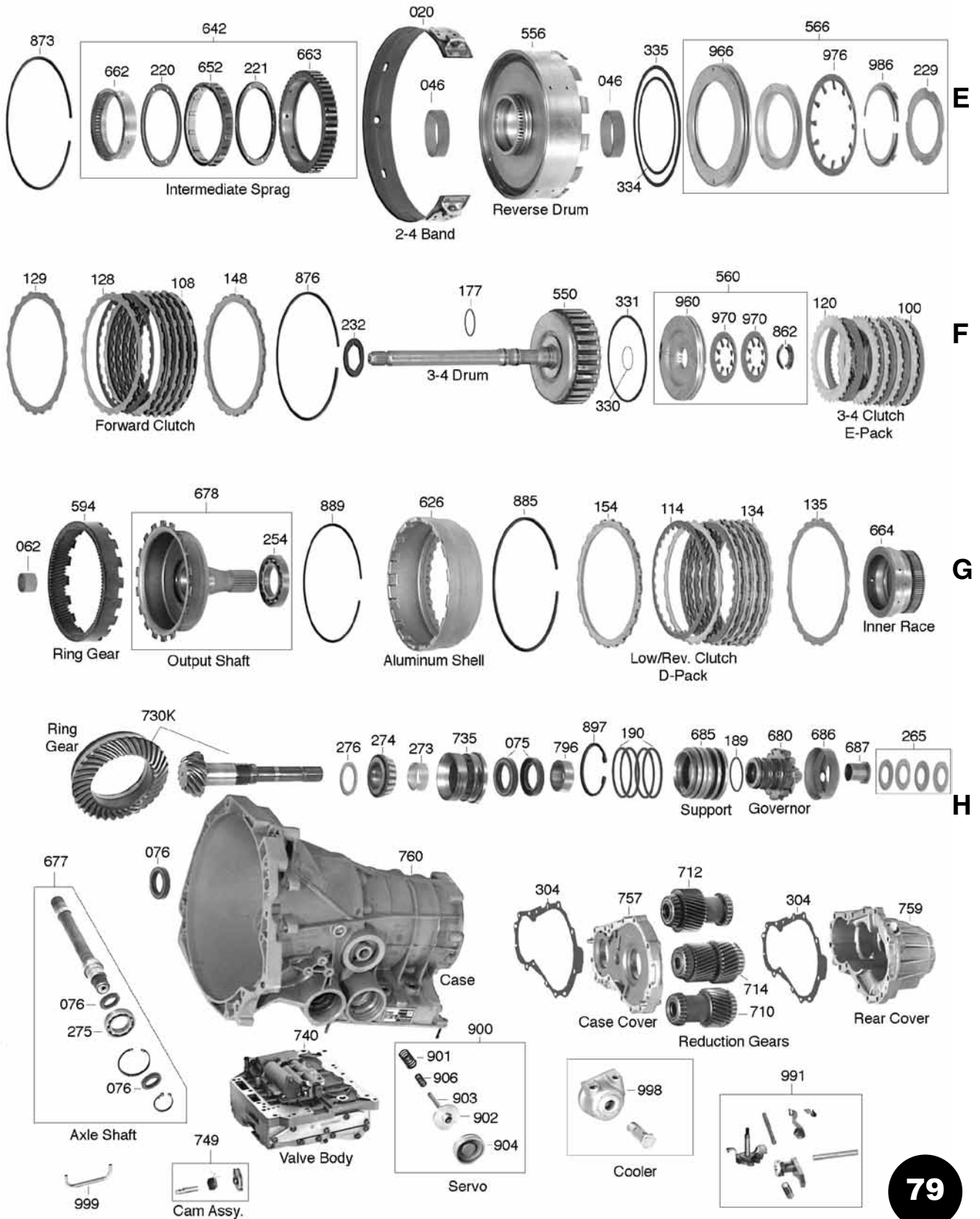
83010GA

ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REF. NO.
MASTER OVERHAUL KITS (WITH STEELS)					
006	JF404E.....	1	99-Up	83006G	N.L.
LESS STEEL KITS					
004	JF404E.....	1	99-Up	83004G	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
002	JF404E.....	1	99-Up	83002G	N.L.
FILTERS					
010	Type A (L Shaped).....	1	99-Up	83010G	N.L.
010	Type B (Square Shaped)	1	99-Up	83010GA	N.L.
BANDS					
Prefix Key: B = Borg Warner, A = OEM (Exc BW), N = All Other New, R = Relined					
020	2-4.....	1	99-Up	83020G	N.L.
BUSHINGS					
030	Bushing Kit.....	1	99-Up	83030G	N.L.
METAL CLAD SEALS					
070	Pump.....	1	99-Up	98070	97031954
076	Axle	2	99-Up	83076G	N.L.
FRICTION PLATES					
106	Direct.....	3	99-Up	83106G	N.L.
108	Low	5	99-Up	83108G	N.L.
110	Reverse.....	2	99-Up	83110G	N.L.
114	Low/ Reverse	5	99-Up	83114G	N.L.
STEEL PLATES					
126	Direct.....	5	99-Up	83126G	N.L.
128	Low	5	99-Up	83128G	N.L.
130	Reverse.....	2	99-Up	83130G	N.L.
134	Low/ Reverse	4	99-Up	83134G	N.L.
GASKETS & O-RINGS					
300	Gasket, Pan	1	99-Up	83300GF	N.L.
311	O-Ring, Pump	1	99-Up	83311B	94385709
ELECTRICAL COMPONENTS					
421	Solenoid "A" (Type A) (Green Connector).....	1	99-Up	83421A	N.L.
421	Solenoid "B" (Type A) (Beige Connector).....	1	99-Up	83421B	N.L.
421	Solenoid "C" (Type A) (Blue Connector)	1	99-Up	83421C	N.L.
421	Solenoid "D" (Type A) (Grey Connector).....	1	99-Up	83422A	N.L.
421	Solenoid "E" (Type A) (Red Connector)	1	99-Up	83422E	N.L.
422	Solenoid (Type B) (Group) (A, B, C, D, F)	1	99-Up	83422A	N.L.
422	Solenoid (Type B) (Group) (F)	1	99-Up	83422E	N.L.
SPRAGS					
658	Sprag, Low.....	1	99-Up	83658G	N.L.

[illegible]

ZF4HP14, ZF4HP18





ZF4HP14, ZF4HP18



79300E



79300P



79010A



79010E



79010S

ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REF. NO.
MASTER OVERHAUL KITS (WITH STEELS)					
006D	ZF4HP14 (Peugeot).....	1	86-94	79006P	98001-ZF
006D	ZF4HP18FL (Eagle Premier, Dodge Monaco)	1	88-98	79006E	N.L.
006D	ZF4HP18FLA / FLE (Audi, Porsche).....	1	91-97	79006A	N.L.
006D	ZF4HP18Q (Saab).....	1	86-98	79006S	2418112
LESS STEEL KITS					
004D	ZF4HP14 (Peugeot).....	1	86-94	79004P	98015-ZF
004D	ZF4HP18FL (Eagle Premier, Dodge Monaco)	1	88-98	79004E	N.L.
004D	ZF4HP18FLA / FLE (Audi, Porsche).....	1	91-97	79004A	N.L.
004D	ZF4HP18Q (Saab).....	1	86-98	79004S	3418112
OVERHAUL KITS (W/ RINGS & SEALS)					
002D	ZF4HP14 (Peugeot).....	1	86-94	79002P	1036-298-914
002D	ZF4HP18FL (Eagle Premier, Dodge Monaco)	1	88-98	79002E	1050-298-003
002D	ZF4HP18FLA / FLE (Audi, Porsche).....	1	91-97	79002A	N.L.
002D	ZF4HP18Q (Saab).....	1	86-98	79002S	1050-298-040
FILTERS					
010D	ZF4HP14.....	1	86-94	79010E	83504685
010D	ZF4HP18FL.....	1	88-98	79010E	83504685
010D	ZF4HP18FLA / FLE.....	1	91-97	79010A	01F-325-433
010D	ZF4HP18Q.....	1	86-98	79010S	0501-311-497
BANDS					
Prefix Key: B = Borg Warner, A = OEM (Exc BW), N = All Other New, R = Relined)					
020E	ZF4HP14.....	1	86-94	79020P	0501-208-833
020E	ZF4HP18FL.....	1	88-98	79020E	0501-208-881
020E	ZF4HP18FLA / FLE.....	1	91-97	79020A	N.L.
020E	ZF4HP18Q.....	1	86-98	79020E	0501-208-881
BUSHINGS					
030D	Bushing Kit (ZF4HP14) (2 Piece Solid Bronze).....	1	86-94	79030P	N.L.
030D	Bushing Kit (ZF4HP18FL) (2 Piece Solid Bronze).....	1	88-98	79030E	N.L.
030D	Bushing Kit (ZF4HP18Q).....	1	86-94	79030S	N.L.
034A	Pump Body (ZF4HP18FL)	1	88-98	79034E	N.L.
034A	Pump Body (ZF4HP18Q).....	1	86-94	79034S	N.L.
037A	Stator (Rear) (ZF4HP14)	1	86-94	79037P	N.L.
037A	Stator (Rear) (ZF4HP18)	1	88-98	69048	N.L.
049	Turbine Shaft (ZF4HP18).....	1	88-98	79049E	N.L.
METAL CLAD SEALS					
070A	Front.....	1	86-98	79070E	0750-111-079
FRICTION PLATES					
108F	A Pack (Forward) (ZF4HP14)	3-4	86-94	79104P	1036-202-018
108F	A Pack (Forward) (ZF4HP18)	4-5	86-98	79108E	1050-202-002
110B	B Pack (Reverse) (ZF4HP14)	3	86-94	79110P	1036-202-028
110B	B Pack (Reverse) (ZF4HP18).....	3	86-98	79110E	1056-272-024
104A	C Pack (Intermediate) (ZF4HP14)	2-3	86-94	79104P	1036-202-018
104A	C Pack (Intermediate) (ZF4HP18)	3-4	88-98	69104	1043-217-009

ZF4HP14, ZF4HP18

ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REF. NO.
FRICTION PLATES (Cont.)					
114G	D Pack (Low/ Reverse) (ZF4HP14)	4-5	86-94	79104P	1036-202-018
114G	D Pack (Low/ Reverse) (ZF4HP18)	6	86-98	79108E	1050-202-002
100F	E Pack (3-4 Clutch) (ZF4HP14)	5	86-94	79100P	1036-230-034
100F	E Pack (3-4 Clutch) (ZF4HP18)	4-5	86-98	79100E	1050-230-033
STEEL PLATES					
128F	A Pack (Forward) (ZF4HP14)	3-5	86-94	79124P	1036-302-015
128F	A Pack (Forward) (ZF4HP18)	4-5	86-98	69128E	1050-302-011
128F	A Pack (Forward) (ZF4HP18) (Waved)	2	86-98	69129E	1050-302-012
130B	B Pack (Reverse) (ZF4HP14)	3	86-94	79124P	1036-302-015
130B	B Pack (Reverse) (ZF4HP18)	3	86-98	69128E	1050-302-011
124A	C Pack (Intermediate) (ZF4HP14)	1-3	86-94	79124P	1036-302-015
124A	C Pack (Intermediate) (ZF4HP18)	3-4	86-98	69126B	24231-205-935
134G	D Pack (Low/ Reverse) (ZF4HP14)	5	86-94	79134P	1036-317-006
134G	D Pack (Low/ Reverse) (ZF4HP18)	6	86-98	69128E	1050-302-011
120F	E Pack (3-4 Clutch) (ZF4HP14)	4-5	86-94	79120P	1036-330-036
120F	E Pack (3-4 Clutch) (ZF4HP18)	4-5	86-98	79120E	1050-330-017
GASKETS & O-RINGS					
300D	Gasket, Bottom Pan (Cork) (ZF4HP14)	1	86-94	79300P	1036-301-182
300D	Gasket, Bottom Pan (Rubber) (ZF4HP18)	1	86-98	79300E	1050-301-036
TECHNICAL MANUALS					
400D	Tech Manual, Eagle (ZF4HP18FL)	1	88-98	79400E	83-ZF4HP18TM
400D	Tech Manual, Saab (ZF4HP18Q)	1	86-98	79400S	418HP SAAB
400D	Tech Manual, Saab (Supplement)	1	86-98	79400SC	TM-HP18-SAAB
ELECTRICAL COMPONENTS					
410	Switch, Neutral (ZF4HP18FL)	1	88-98	79410	0501-310-648
420	Solenoid, Master Kit	1	91-97	79420FK	1050-298-047
421	Solenoid, Shift (ZF4HP18FLA / FLE)	3	88-98	179421	0750-132-105
410	Speed Sensor (ZF4HP18FL)	1	88-98	79436	0501-206-934
SPRAGS					
642E	Sprag Assembly, Intermediate w/ Races (ZF4HP18)	1	88-98	79642E	1050-231-026
654E	Sprag, Rear (ZF4HP14)	1	86-94	79654P	0501-207-060
654D	Sprag, Rear (ZF4HP18FL)	1	88-98	79654E	0501-207-061
MISCELLANEOUS COMPONENTS					
450	Detent Cable Repair Kit (ZF4HP18)	1	86-98	T57451	N.L.
VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 8	Pressure Regulator Valve O.S. (T-85991-TL req)	N.L.	N.I.	S79741PK	85991-01
Vol 8	Servo Cushion Washers (Belleville Type) (HP18)	N.L.	N.I.	S79901A	85701-01

ZF4HP14, ZF4HP18

ZF4HP16



189300D

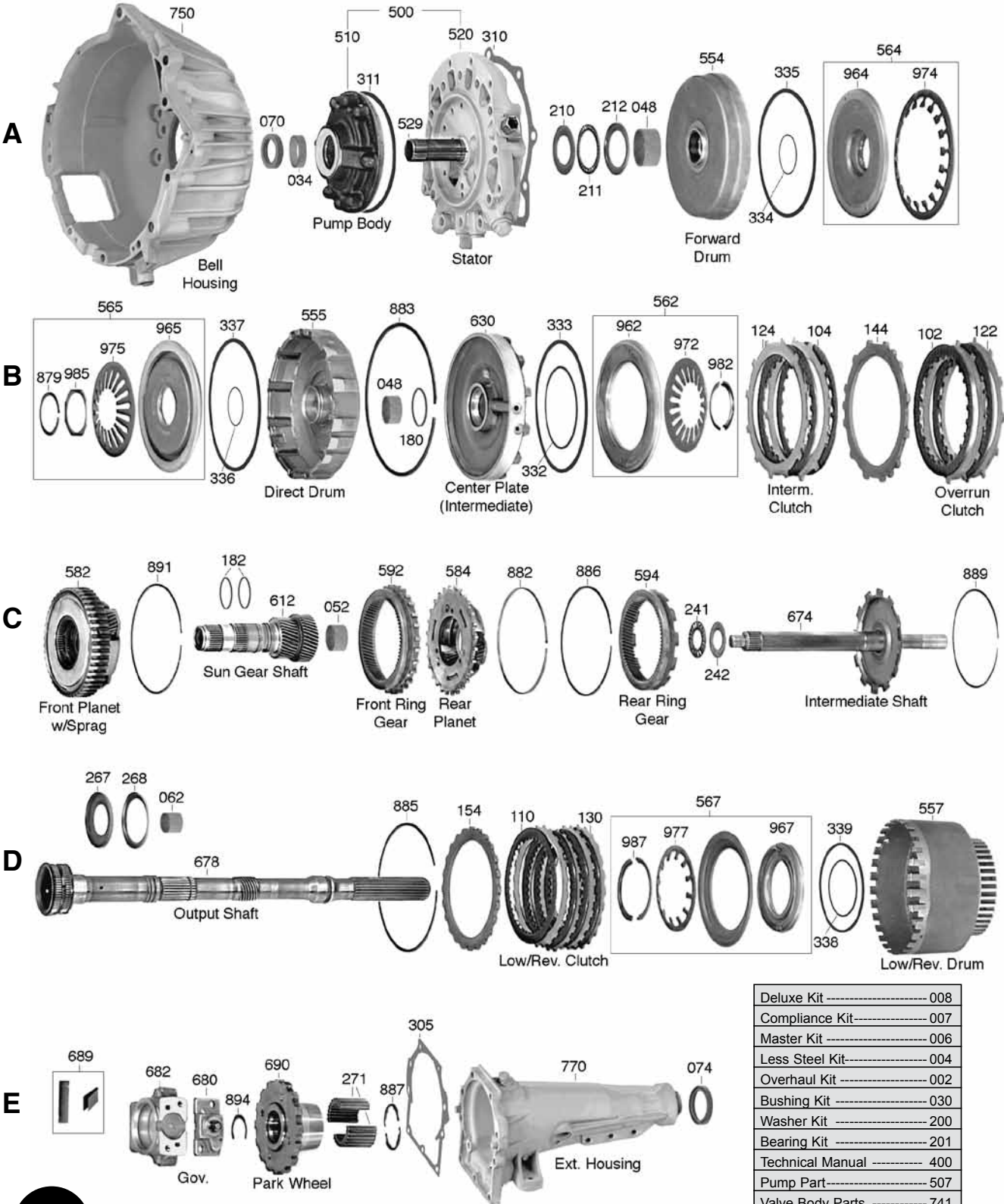


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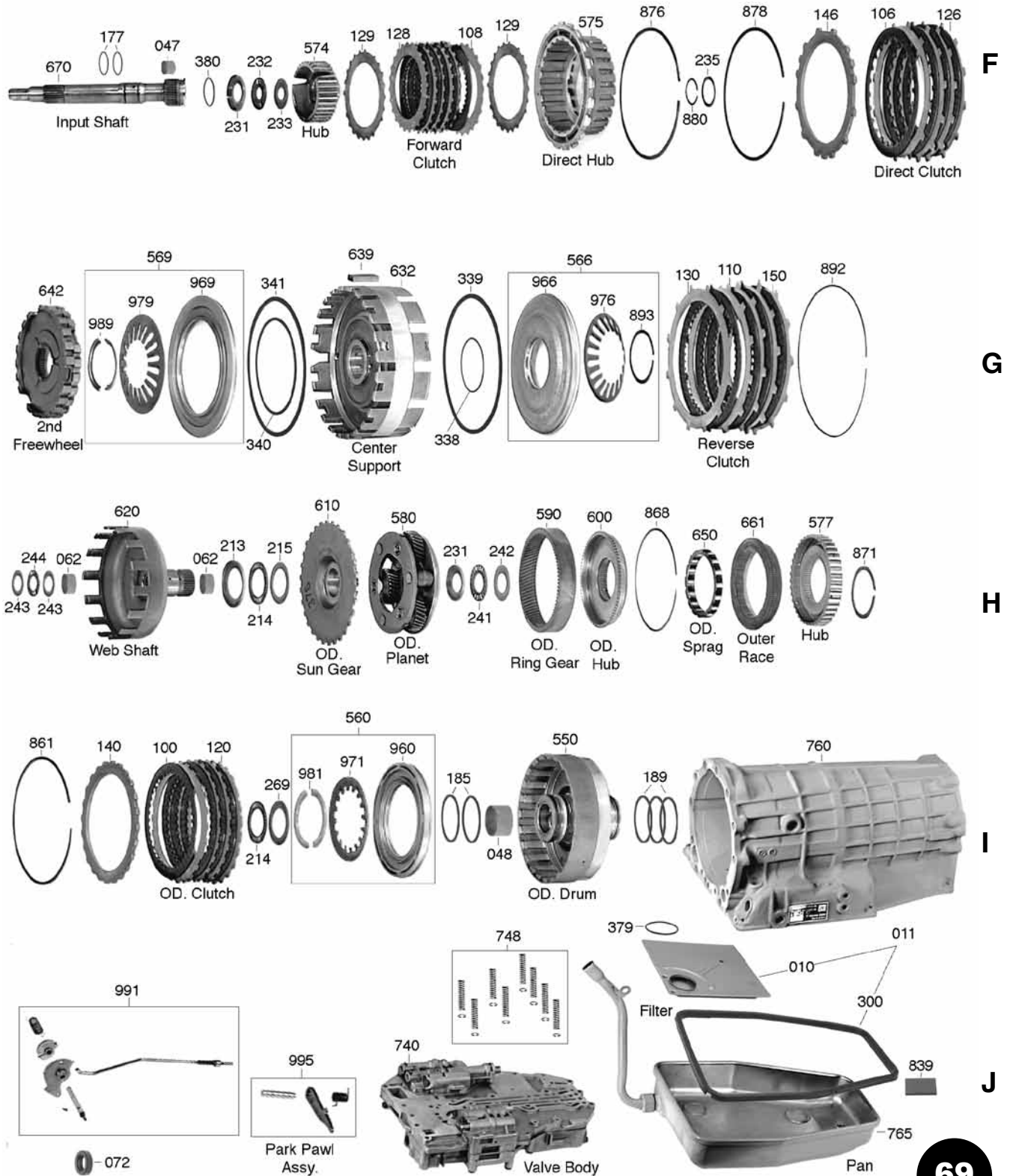
ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REF. NO.
MASTER OVERHAUL KITS (WITH STEELS)					
006	ZF4HP16.....	1	02-Up	189006D	N.L.
LESS STEEL KITS					
004	ZF4HP16.....	1	02-Up	189004D	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
002	ZF4HP16.....	1	02-Up	189002D	N.L.
FILTERS					
010	Filter (.950" Pickup).....	1	95-Up	189010A	001-315-184
FRICTION PLATES					
106	B Pack.....	2	02-Up	33110L	N.L.
100	C Pack.....	2	02-Up	189100D	N.L.
110	D Pack.....	3	02-Up	189110D	N.L.
104	E Pack.....	3-5	02-Up	33110L	N.L.
113	F Pack.....	3	02-Up	33110L	N.L.
STEEL PLATES					
126	B Pack (1.8mm).....	1	02-Up	189124DA	N.L.
126	B Pack (2.5mm).....	2	02-Up	189126D	N.L.
120	C Pack.....	1	02-Up	189120D	N.L.
130	D Pack.....	3	02-Up	189130D	N.L.
124	E Pack (1.8mm).....	1	02-Up	189124DA	N.L.
124	E Pack (2.1mm).....	3	02-Up	189124D	N.L.
133	F Pack.....	3	02-Up	189133D	N.L.
PAN GASKETS					
300	ZF4HP16.....	1	95-Up	189300	N.L.
MISCELLANEOUS COMPONENTS					
960	Piston, C Clutch (Bonded).....	1	02-Up	189960D	N.L.
966	Piston, D Clutch (Bonded).....	1	02-Up	189966D	N.L.

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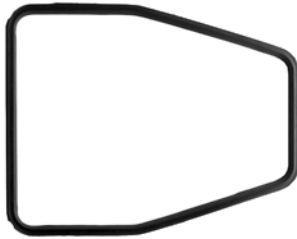
ZF4HP22, ZF4HP24



Deluxe Kit	008
Compliance Kit	007
Master Kit	006
Less Steel Kit	004
Overhaul Kit	002
Bushing Kit	030
Washer Kit	200
Bearing Kit	201
Technical Manual	400
Pump Part	507
Valve Body Parts	741
Case Parts	761
Note: Not all items are available for all transmissions	



ZF4HP22, ZF4HP24



69300A



69010A



69010B



69010E



69010EB

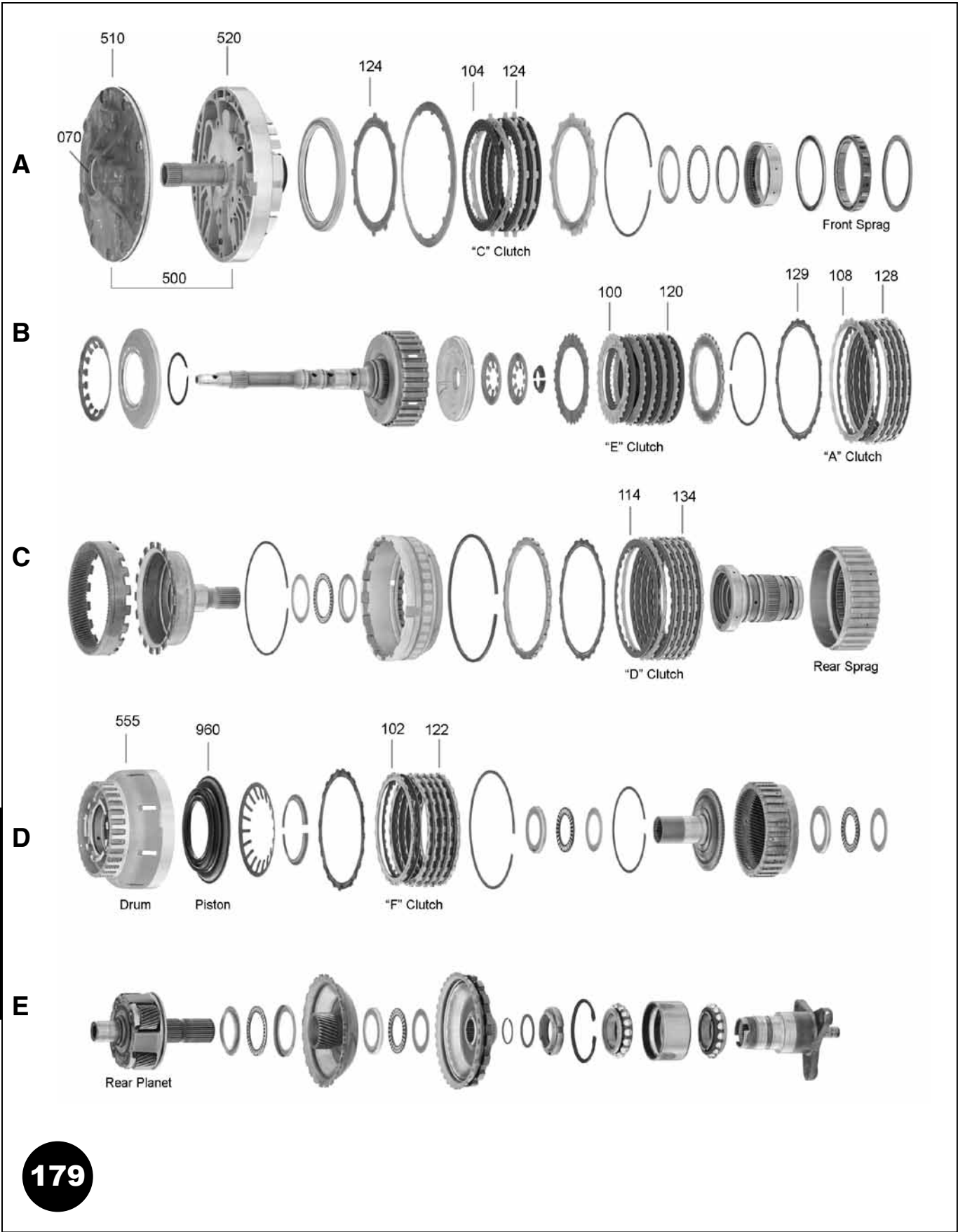
ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REF. NO.
MASTER OVERHAUL KITS (WITH STEELS)					
006	ZF4HP22 (78074 Land Rover Seal Not Included)	1	84-Up	69006A	1043-298-097
006	ZF4HP24	1	88-Up	69006E	N.L.
LESS STEEL KITS					
004	ZF4HP22 (78074 Land Rover Seal Not Included)	1	84-Up	69004A	1043-298-093
004	ZF4HP24	1	88-Up	69004E	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
002	ZF4HP22, ZF4HP24 (78074 Land Rover Seal Not Included)	1	84-Up	69002A	1043-298-092
FILTER KITS					
011J	ZF4HP22 (No Pick-Up Tube)	1	84-Up	69011A	N.L.
011J	ZF4HP22 (w/ 1 Pick-Up Tube)	1	84-Up	69011B	N.L.
011J	ZF4HP24 Land Rover	1	88-Up	69011E	N.L.
011J	ZF4HP24 Audi (2.500" Tube)	1	90-94	69011EB	N.L.
FILTERS					
010J	ZF4HP22 (No Pick-Up Tube)	1	84-Up	69010A	24311-215-550
010J	ZF4HP22 (w/ 1 Pick-Up Tube)	1	84-Up	69010B	24311-218-204
010J	ZF4HP24 Land Rover	1	88-Up	69010E	1043-226-037
010J	ZF4HP24 Audi (2.500" Tube)	1	90-94	69010EB	1043-226-035
BUSHINGS					
034A	Pump (.507" Wide)	1	84-93	69034	0750-101-031
034A	Pump (.664" Wide)	1	94-Up	69034B	0501-311-812
048A	Forward Drum, Center Support, & Governor Support	3	84-Up	69048	N.L.
METAL CLAD SEALS					
070A	Front	1	84-Up	69070	24311-207-433
072	Manual Lever	1	84-Up	69072	24341-207-430
074E	Extension Housing (2.500" OD, BMW, Peugeot)	1	84-Up	69074	24111-207-426
074E	Extension Housing (Land Rover)	1	84-Up	78074	N.L.
074E	Extension Housing (Lincoln, w/ Boot)	1	84-Up	56074B	E2ZZ-7052A
FRICTION PLATES					
108F	A Pack (Forward) (34T) (ZF4HP22)	5	84-Up	69108	1043-202-167
108F	A Pack (Forward) (40T) (ZF4HP24)	6	88-Up	69100	24231-215-441
106F	B Pack (Direct) (24T)	4-5	84-Up	69106	1043-202-041
104B	C Pack (Intermediate) (24T) (ZF4HP22)	4	84-Up	69106	1043-202-041
104B	C Pack (Intermediate) (24T) (ZF4HP24)	5	84-Up	69104	1043-217-009
110G	D Pack (Reverse) (58T) (ZF4HP24)	5	88-Up	69104E	1043-217-015
110G	D Pack (Reverse) (48T) (ZF4HP22)	5	84-Up	69104	1043-217-009
102B	E Pack (Direct Overrun) (40T)	4	84-Up	69100	24231-215-441
100I	F Pack (Overdrive) (40T)	4	84-Up	69100	24231-215-441
STEEL PLATES					
129F	A Pack (Forward) (.040") (Waved) (ZF4HP22)	2	84-Up	69129	1043-302-001
128F	A Pack (Forward) (.047") (Selective)	AR	84-Up	69128B	1043-302-123
129F	A Pack (Forward) (.055") (Waved) (ZF4HP24)	2	88-Up	69129D	1043-330-140
128F	A Pack (Forward) (.060") (Selective)	AR	84-Up	69128A	24231205917A
128F	A Pack (Forward) (.071") (ZF4HP22)	5-6	84-Up	69128	24231-205-917
128F	A Pack (Forward) (.082") (Selective)	AR	84-Up	69128D	N.L.
128F	A Pack (Forward) (.082") (ZF4HP24)	4-6	88-Up	69120	24231-215-453
126F	B Pack (Direct) (.047") (Waved)	AR	84-Up	69126CA	1043-302-036

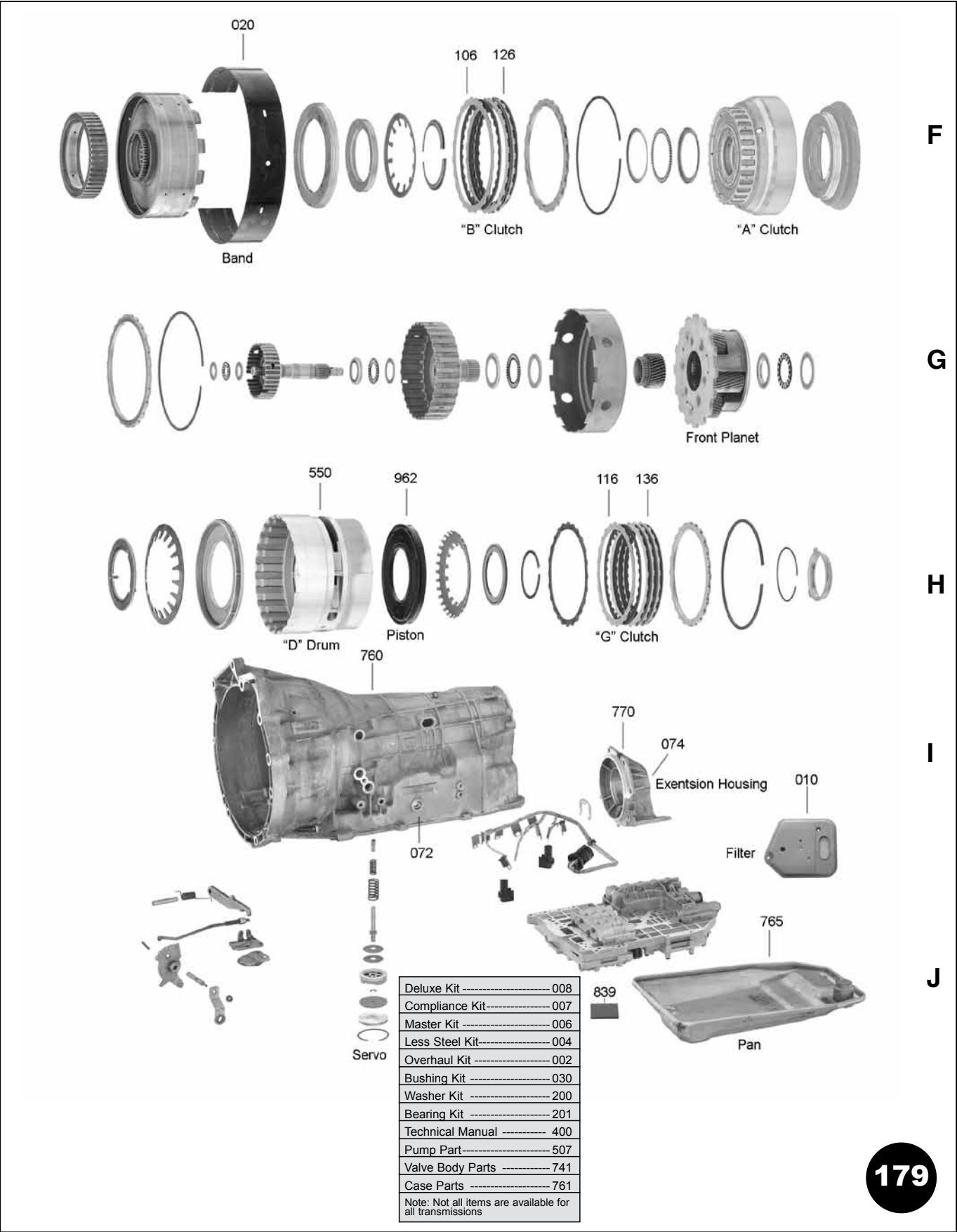
ZF4HP22, ZF4HP24

ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REF. NO.
STEEL PLATES (Cont.)					
126F	B Pack (Direct) (.060")	AR	84-Up	69126A	24231-209-824
126F	B Pack (Direct) (.071")	4	84-Up	69126B	24231-205-935
126F	B Pack (Direct) (.082")	AR	84-Up	69126	24231-215-825
124B	C Pack (Intermediate) (.047") (Waved)	AR	84-Up	69126CA	1043-302-036
124B	C Pack (Intermediate) (.060")	AR	84-Up	69126A	24231-209-824
124B	C Pack (Intermediate) (.071")	3-4	84-Up	69126B	24231-205-935
124B	C Pack (Intermediate) (.082")	AR	84-Up	69126	24231-215-825
130G	D Pack (Reverse) (.047") (Waved)	AR	84-Up	69126CA	1043-302-036
130G	D Pack (Reverse) (.047") (ZF4HP24)	5-6	88-Up	69126D	1043-317-040
130G	D Pack (Reverse) (.060") (ZF4HP22)	AR	84-Up	69126A	24231-209-824
130G	D Pack (Reverse) (.060") (ZF4HP24)	1	88-Up	69126DA	1043-317-061
130G	D Pack (Reverse) (.071") (ZF4HP22)	3-4	84-Up	69126B	24231-205-935
130G	D Pack (Reverse) (.071") (ZF4HP24)	AR	88-Up	69126DB	1043-317-062
130G	D Pack (Reverse) (.082") (ZF4HP22)	AR	84-Up	69126	24231-215-825
130G	D Pack (Reverse) (.082") (ZF4HP24)	AR	88-Up	69126DC	1043-317-063
122D	E Pack (Direct Overrun) (24T) (.059")	4	84-Up	69134	24321-215-440
120I	F Pack (Overdrive) (24T) (.082")	4	84-Up	69120	24231-215-453
140I	F Pack (Overdrive)	1	84-Up	69140	N.L.
SEALING RINGS					
175	Ring Kit	1	84-Up	69175B	4HP22MPSR
177F	Ring, Forward Clutch (Bag of 3 Rings)	3	84-Up	69177T	N.L.
GASKETS & O-RINGS					
300J	Gasket, Bottom Pan (Rubber)	1	84-Up	69300A	24111-215-488
305E	Gasket, Extension Housing	1	84-Up	69305A	0750-112-012
310A	Gasket, Pump Stator to Case	1	84-Up	69310B	0750-112-009
311A	O-Ring, Pump	1	84-Up	69311A	07434-313-061
ELECTRICAL COMPONENTS					
420	Solenoid Master Kit (4 Shift & 1 EPC)	1	83-E89	69420K	MS-ZF4HP22
420	Solenoid Master Kit (3 Shift & 1 EPC)	1	L89-Up	69420AK	1043-298-108
421	Solenoid, Shift (Teckpak) (5 Solenoid Valve Body Only)	4	83-89	T69421	N.L.
421	Solenoid, Shift (5 Solenoid Type)	4	83-89	69421	N.L.
421	Solenoid, Shift (4 Solenoid Type)	3	89-Up	69421A	0501-315-752
431	Solenoid, Pressure Regulator (Teckpak) (5 Solenoid VB Only)	1	84-Up	T69431	N.L.
431	Solenoid, Pressure Regulator	1	84-Up	69431	0501-206-997
431	Solenoid, Pressure Regulator (Valve Housing)	1	89-Up	69431A	N.L.
436	Sensor, Input / Output Speed	2	84-Up	69436A	0501-310-401
446	Wire Harness, Internal (ZF4HP24)	1	84-Up	69446	1043-227-016
HARD PARTS					
Prefix Key: D = OEM, A = Aftermarket New, R = Remanufactured, U = Quality Inspected					
PUMP COMPONENTS					
510A	Pump Body & Gears (Bushing Type)	1	84-Up	69510A	N.L.
510A	Pump Body & Gears (Roller Bearing Type)	1	84-Up	69510B	1043-119-019
520A	Stator (Cast# 158) (16mm Cooler Line Fitting)	1	84-Up	69520C	1043-222-078
529A	Shaft, Stator Tube	1	84-Up	69529	N.L.
DRUMS & CLUTCH HUBS					
550I	Overdrive (F Pack) (Hydraulic Units) (4 Clutch)	1	84-Up	69550A	1043-230-082
554A	Forward (A Pack)	1	84-Up	69554A	1043-202-054
557D	Clutch Hub, Direct Overrun (Roller Type Sprag)	1	84-Up	69557	1043-430-058
PLANETS					
582C	Planet, Front w/ Sprag (4 Gear)	1	84-Up	69582B	N.L.
584C	Planet, Rear	1	84-Up	69582C	N.L.

ZF4HP22, ZF4HP24

ZF4HP22, ZF4HP24





ZF5HP18

ZF5HP18



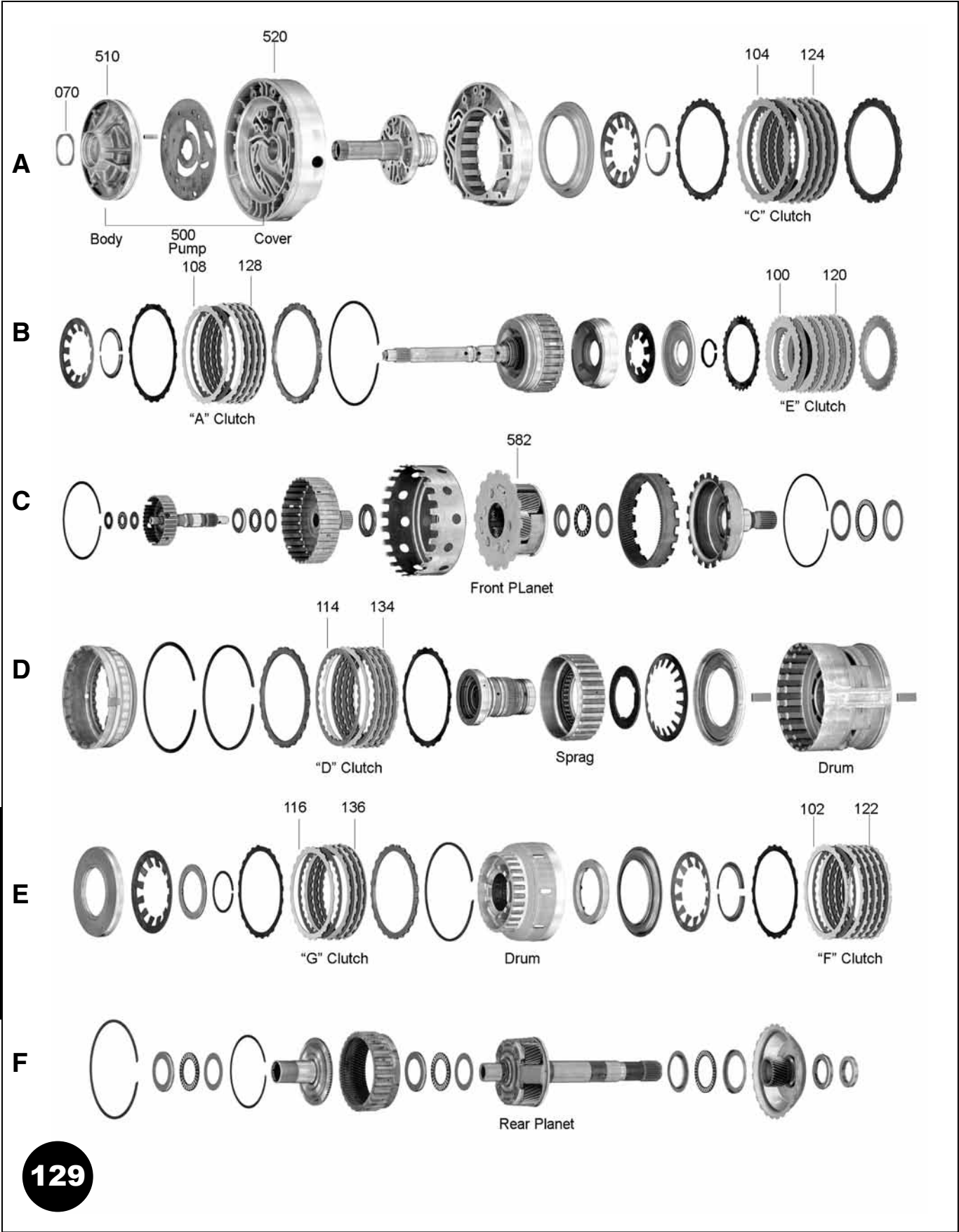
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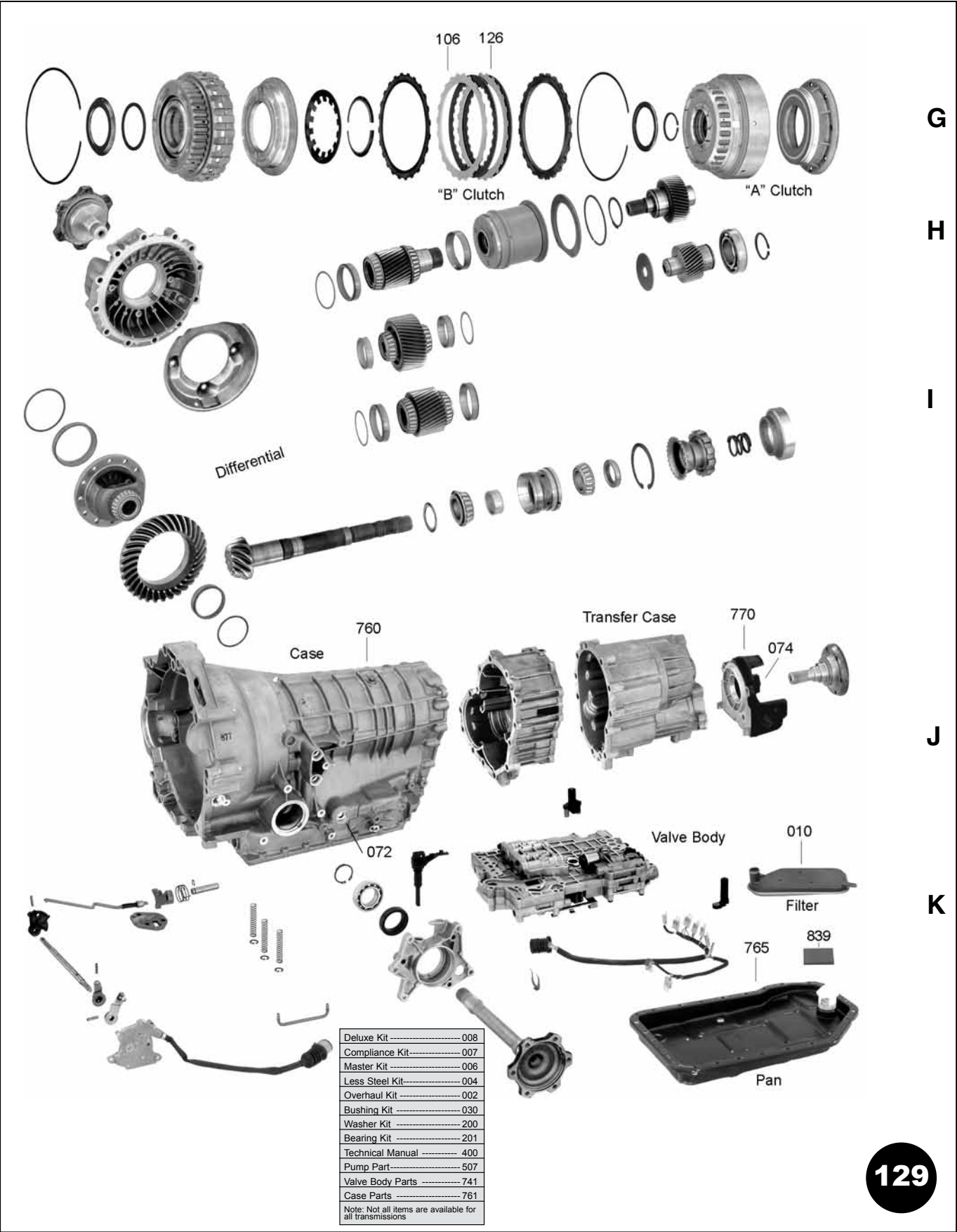


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ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REF. NO.
MASTER OVERHAUL KITS (WITH STEELS)					
006J	ZF5HP18 (w/ Pistons).....	1	93-Up	179006A	N.L.
LESS STEEL KITS					
004J	ZF5HP18 (w/ Pistons).....	1	93-Up	179004A	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
002J	ZF5HP18 (w/o Pistons).....	1	93-Up	179002A	N.L.
FILTER KITS					
011J	ZF5HP18.....	1	93-Up	179011A	N.L.
FILTERS					
010J	ZF5HP18.....	1	93-Up	179010A	1056-298-047
BANDS					
Prefix Key: B = Borg Warner, A = OEM (Exc BW), N = All Other New, R = Relined)					
020F	Brake.....	1	93-Up	179020A	0501-208-847
BUSHINGS					
030J	Bushing Kit, F Drum (2 piece Bronze)	1	93-Up	179030A	N.L.
METAL CLAD SEALS					
070A	Front.....	1	93-Up	69070	24311-207-433
072I	Manual Lever	1	93-Up	69072	24341-207-430
074I	Extension Housing	1	93-Up	179074A	N.L.
FRICTION PLATES					
108B	A Pack (Forward)	4-5	93-Up	79108E	1050-202-002
106F	B Pack (Reverse).....	2-3	93-Up	79110E	1056-272-024
104A	C Pack (2nd).....	3-4	93-Up	69104	1043-217-009
114C	D Pack (Low/ Reverse)	4-6	93-Up	79108E	1050-202-002
100B	E Pack (3-4 Clutch).....	4-5	93-Up	79100E	1050-230-033
102D	F Pack (5th Overdrive).....	3-4	93-Up	79104P	1036-202-018
114C	G Pack (5th Overdrive)	4	93-Up	79104P	1036-202-018
STEEL PLATES					
128B	A Pack (Forward)	4-5	93-Up	69128E	1050-302-011
129B	A Pack (Forward) (Waved).....	1	93-Up	69129E	1050-302-012
126F	B Pack (Reverse).....	2-3	93-Up	69128E	1050-302-011
124A	C Pack (2nd).....	2-3	93-Up	69126	24231-215-825
124A	C Pack (2nd) (Apply Plate)	1	93-Up	179124A	1043-202-092
124A	C Pack (2nd) (Waved).....	1	93-Up	69126CA	1043-302-036
134C	D Pack (Low/ Reverse)	5-6	93-Up	69128E	1050-302-011
120B	E Pack (3-4 Clutch).....	4-5	93-Up	79120E	1050-330-017
122D	F Pack (5th Overdrive) (.118")	5	93-Up	129120	1060-377-002
134C	G Pack (5th Overdrive) (.070").....	3-4	93-Up	79124P	1036-302-015
VALVE BODY RECALIBRATION KITS					
165J	Valve Body Kit (OE)	1	93-Up	D179165	5HP18VBK

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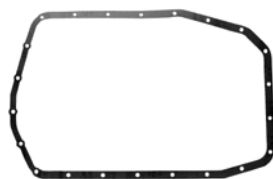
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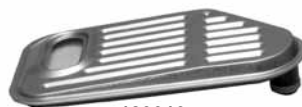
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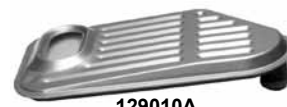
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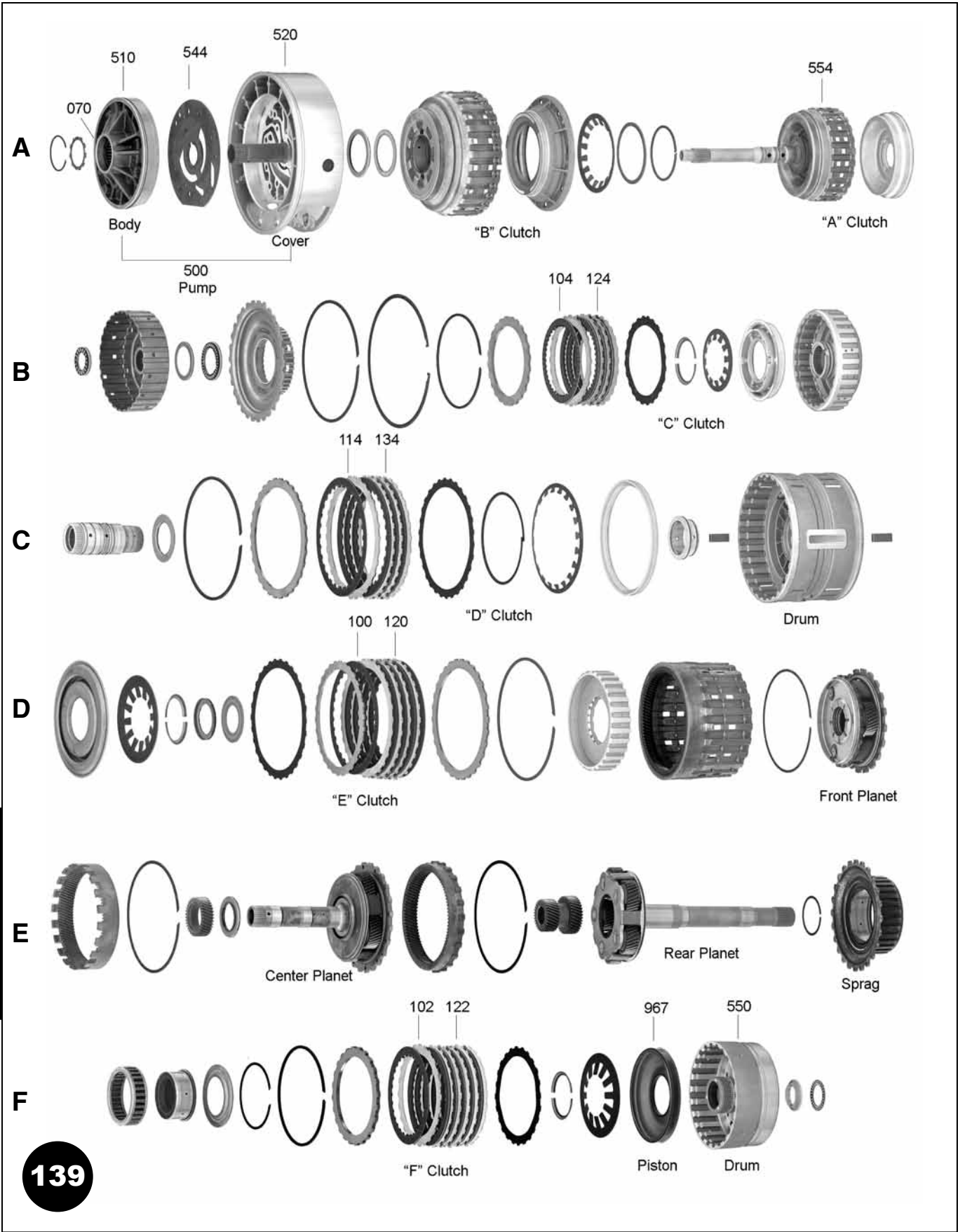
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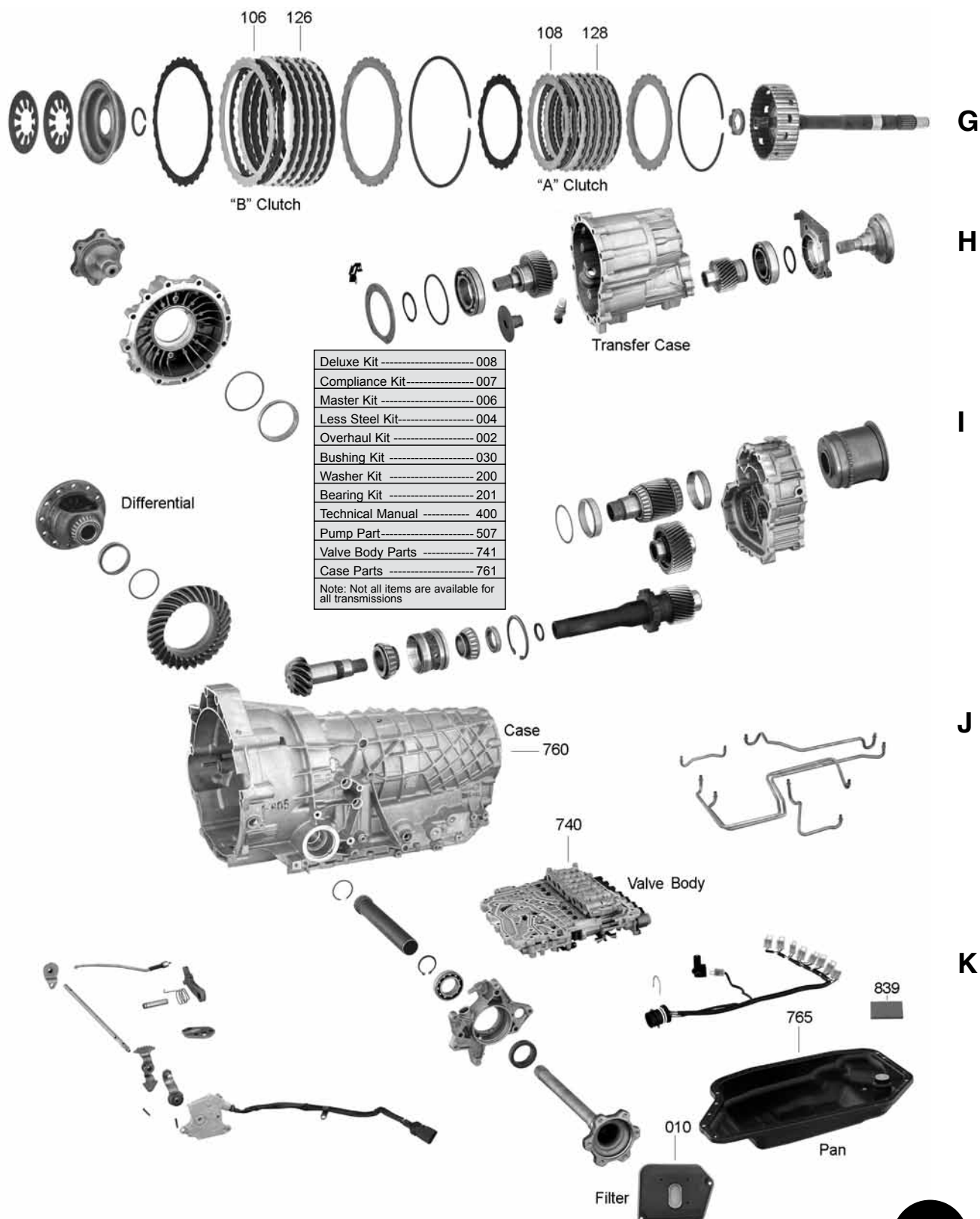


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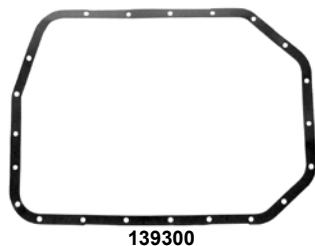
ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REF. NO.
MASTER OVERHAUL KITS (WITH STEELS)					
006K	ZF5HP19 (Rwd) (BMW) (For 3 Pack Designs, Order 4 of 129124A)	1	97-Up	129006	N.L.
006K	ZF5HP19FL (Fwd) (Audi, VW, Porsche)	1	96-99	129006A	N.L.
006K	ZF5HP19FL (Fwd) (Audi, VW, Porsche)	1	00-Up	129006AA	N.L.
006K	ZF5HP19FLA (Awd) (Audi, VW 4wd)	1	96-99	129006B	N.L.
006K	ZF5HP19FLA (Awd) (Audi, VW 4wd)	1	00-Up	129006BA	N.L.
LESS STEEL KITS					
004K	ZF5HP19 (Rwd)	1	97-Up	129004	N.L.
004K	ZF5HP19FL (Fwd)	1	95-Up	129004A	N.L.
004K	ZF5HP19FLA (Awd)	1	95-Up	129004B	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
002K	ZF5HP19 (Rwd)	1	97-Up	129002	N.L.
002K	ZF5HP19FL (Fwd)	1	95-Up	129002A	N.L.
002K	ZF5HP19FLA (Awd)	1	95-Up	129002B	N.L.
FILTERS					
010K	ZF5HP19	1	97-Up	129010	0501-210-388
010K	ZF5HP19FL, ZF5HP19FLA	1	95-Up	129010A	0501-209-251
BUSHINGS					
034	Pump (Bronze)	1	95-Up	129034B	N.L.
034	Pump (Oversized)	1	95-Up	S129034AX	85916-01
METAL CLAD SEALS					
070A	Front Pump	1	95-Up	79070E	0750-111-079
074	Rear	1	00-Up	129074	0734-319-607
FRICTION PLATES					
108B	A Pack	4-5	95-Up	79108E	1050-202-002
106G	B Pack	2	95-Up	129110	N.L.
104A	C Pack	3-5	95-Up	129104	N.L.
114D	D Pack	5-6	95-Up	79108E	1050-202-002
100B	E Pack	4-5	95-Up	79100E	1050-230-033
102E	F Pack	4-5	95-Up	79104P	1036-202-018
116E	G Pack	3-4	95-Up	79104P	1036-202-018
119	Friction Module, ZF5HP19 (OEM)	1	97-Up	129119	1060-298-023
119	Friction Module, ZF5HP19FL, FLA (OEM)	1	95-Up	129119B	1060-298-022
STEEL PLATES					
128B	A Pack	4-5	95-Up	69128E	1050-302-011
126G	B Pack	2	95-Up	129130	1060-372-002
124A	C Pack (.071")	4-5	95-Up	129124	1060-310-004
124A	C Pack (.094")	4	95-Up	129124A	1060-310-053
124A	C Pack (.130")	3	95-Up	129124B	1060-310-027
134D	D Pack	5-6	95-Up	69128E	1050-302-011
120B	E Pack	4-5	95-Up	79120E	1050-330-017
122E	F Pack	5-6	95-Up	129120	1060-377-002
136E	G Pack	3-4	95-Up	79124P	1036-302-015
139	Steel Module ZF5HP19 (OEM)	1	97-Up	129139	1060-298-027
139	Steel Module ZF5HP19FL, FLA (OEM)	1	95-99	129139A	1060-298-026
139	Steel Module ZF5HP19FL, FLA (OEM)	1	00-Up	129139B	1060-298-025

ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REF. NO.
VALVE BODY RECALIBRATION KITS					
165K	Valve Body Kit, BMW Only (OEM)	1	95-Up	D129165	VBKBMW01
GASKETS & O-RINGS					
300K	Gasket, Pan (Rwd) (BMW)	1	97-Up	129300	1060-390-002
300K	Gasket, Pan (Fwd, Awd) (Audi, VW)	1	95-Up	129300A	1056-303-031
TECHNICAL MANUALS					
400K	Repair Manual, ZF5HP19	1	95-Up	129400A	5HP19REP01
400K	Repair Manual, ZF5HP19FL / FLA	1	95-Up	129400B	5HP19FLREP1
400K	Technical Manual, Functional Description, ZF5HP19	1	95-Up	129400AF	5HP19FD01
400K	Technical Manual, Functional Description, ZF5HP19FL / FLA	1	95-Up	129400BF	5HP19FLFD01
ELECTRICAL COMPONENTS					
410	Sensor, MLPS (5HP19)	1	97-Up	129410	0501-317-781
410	Sensor, MLPS (5HP19FL) (Exc 072, 088)	1	95-Up	129410A	0501-209-896
410	Sensor, MLPS (5HP19FL) (072, 088)	1	95-Up	129410B	0501-317-994
410	Sensor, MLPS (5HP19FLA) (002, 012, 013, 018, 030, 035, 036, 044, 053, 054, 063, 065, 073)	1	95-Up	129410C	0501-209-896
410	Sensor, MLPS (5HP19FLA) (075, 087, 093, 100, 101, 103)	1	95-Up	129410B	0501-317-994
420	Solenoid Master Kit (BMW)	1	95-Up	129420AK	1060-298-033
420	Solenoid Master Kit (Audi & VW Speed Sensor on Case)	1	95-Up	129420AK	1060-298-033
420	Solenoid Master Kit (Audi & VW Speed Sensor on Valve Body)	1	95-Up	129420CK	1060-298-035
420	Solenoid Master Kit (Audi V8 & Porsche Exc. 1060 050 002)	1	95-97	129420BK	1060-298-034
420	Solenoid Master Kit (Porsche 1060 050 002)	1	95-Up	129420CK	1060-298-035
420	Solenoid, Shift (Speed Sensor on Case)	3	95-Up	129420A	N.L.
420	Solenoid, Shift (Speed Sensor on Valve Body)	3	95-Up	129420	0750-132-122
431	Solenoid, EPC (BMW & Audi/VW w/ Speed Sensor on Case)	1	95-Up	129431	0501-210-725
431	Solenoid, EPC (Audi/VW w/ Speed Sensor on Valve Body)	1	95-Up	159431A	0501-210-875
431	Solenoid, EPC (Audi V8)	1	95-Up	129431B	N.L.
431	Solenoid, EPC (BMW & Audi/VW w/ Speed Sensor on Case)	3	95-Up	129431C	N.L.
431	Solenoid, EPC (Audi/VW w/ Speed Sensor on Valve Body & Audi V8)	3	95-Up	129431D	N.L.
436	Sensor, Speed w/ Wire (Internal) (All)	1	95-Up	129436	0501-322-866
438	Sensor, Speed w/o Wire (Internal) (All)	1	95-Up	129438	0501-311-086
438	Sensor, Speed (External) (FL, FLA)	1	95-Up	129439	0501-314-432
446	Harness, Internal Wire (5HP19)	1	97-Up	129446	1060-227-021
446	Harness, Internal Wire (5HP19FL) (005, 006, 011, 013, 021, 027)	1	95-Up	129446A	1056-277-046
446	Harness, Internal Wire (5HP19FL) (049, 059, 072, 088)	1	95-Up	129446B	1060-227-022
446	Harness, Internal Wire (5HP19FLA) (002, 012, 013, 018, 036)	1	95-Up	129446A	1056-277-046
446	Harness, Internal Wire (5HP19FLA) (030, 035, 044, 053, 054, 063, 065, 073, 075, 087, 093, 100, 101, 103)	1	95-Up	129446B	1060-227-022
MISCELLANEOUS COMPONENTS					
510A	Pump Body & Gears (ZF5HP19)	1	97-Up	129510	1060-210-047
510A	Pump Body & Gears (ZF5HP19FL, FLA)	1	95-03	129510A	1060-210-024
507	Pipe, Pump Body	2	00-Up	129507	1060-310-045
550	Drum, "D" (ZF5HP19)	1	97-03	179550D	1056-383-032
550	Drum, "D" (ZF5HP19FL, FLA)	1	95-03	129550D	1060-373-014
550	Drum, "F"	1	95-03	129550F	1060-277-010
648	Sprag Assembly, Hub & Low Sprag (Audi, VW) (repl OE Bearing Type)	1	95-03	129648A	1060-273-013
648	Sprag Assembly, Hub & Low Sprag (BMW) (repl OE Bearing Type)	1	97-02	129648B	1060-273-035
962E	Piston, "F" Drum	1	95-Up	129962	1056-377-038
N.I	ZF Fluids, Esso 20 Liter	1	95-Up	M465ZFB	S671090149
N.I	ZF Fluids, Replaces Esso 20 Liter	1	95-Up	M465ZF5	N.L.
N.I	ZF Fluids, Replaces Esso 1 Liter	1	95-Up	M465ZF5-1	N.L.
VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 8	F-Clutch Bushing & Seal Kit	N.L.	N.I.	S179038K	85110-01K
Vol 8	Bushing, Pump, Finish in Place (Machining Required)	N.L.	N.I.	S129034C	85916-01U
Vol 8	Bushing, Pump, Precision O.S. (Machining Required)	N.L.	N.I.	S129034AX	85916-01
Vol 8	Press Reg Valve O.S. (Early Style) (E17) (T-F-85755-TL1 & T-VB-FIX req)	N.L.	N.I.	129741PAK	85755-01
Vol 8	Press Reg Valve O.S. (Late Style) (E18.2) (T-F-85755-TL2 & T-VB-FIX req)	N.L.	N.I.	129741PBK	85755-02

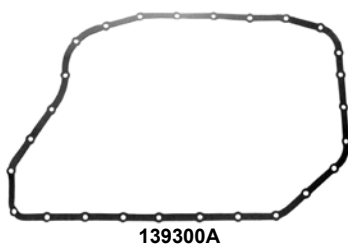




ZF5HP24



139300



139300A



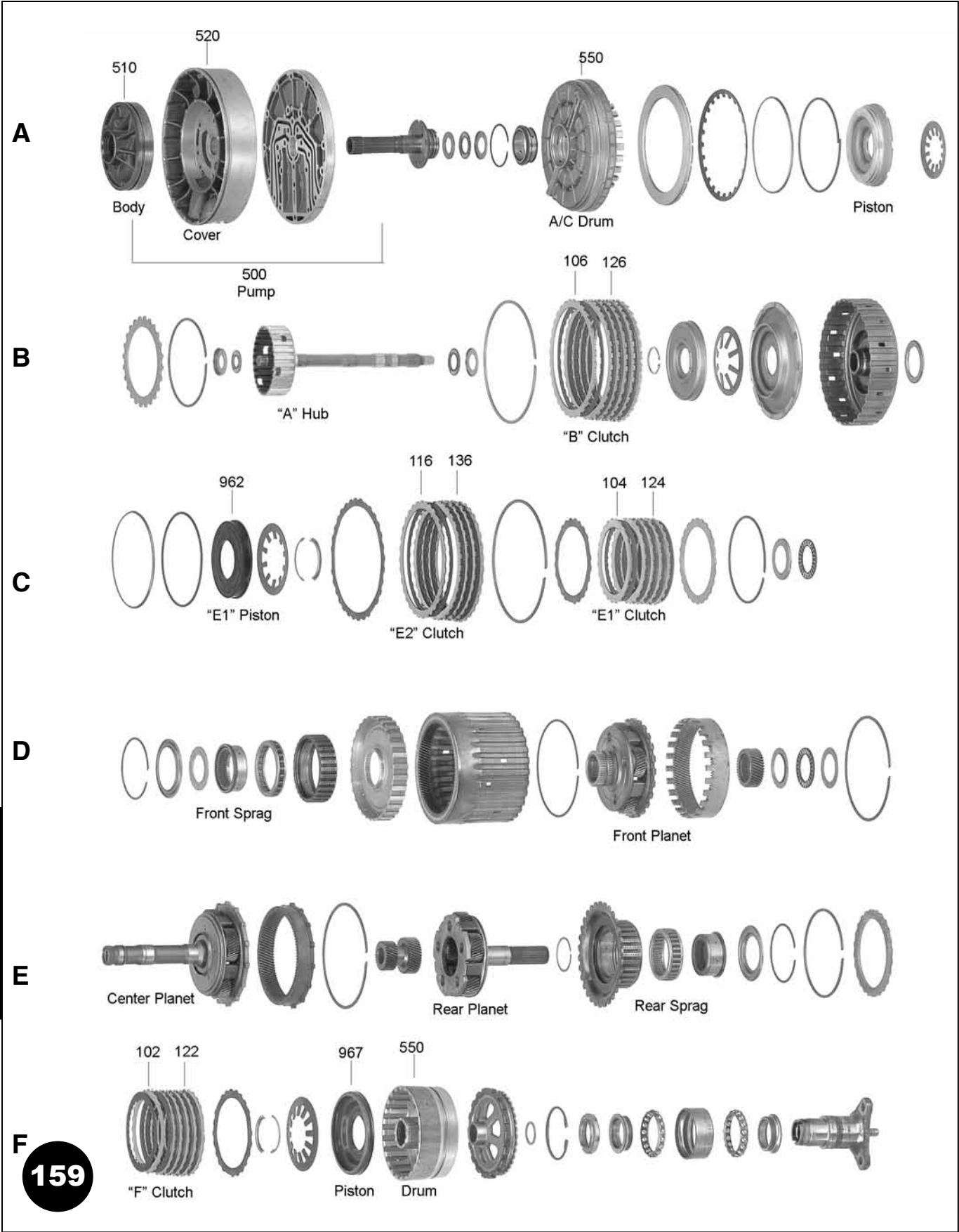
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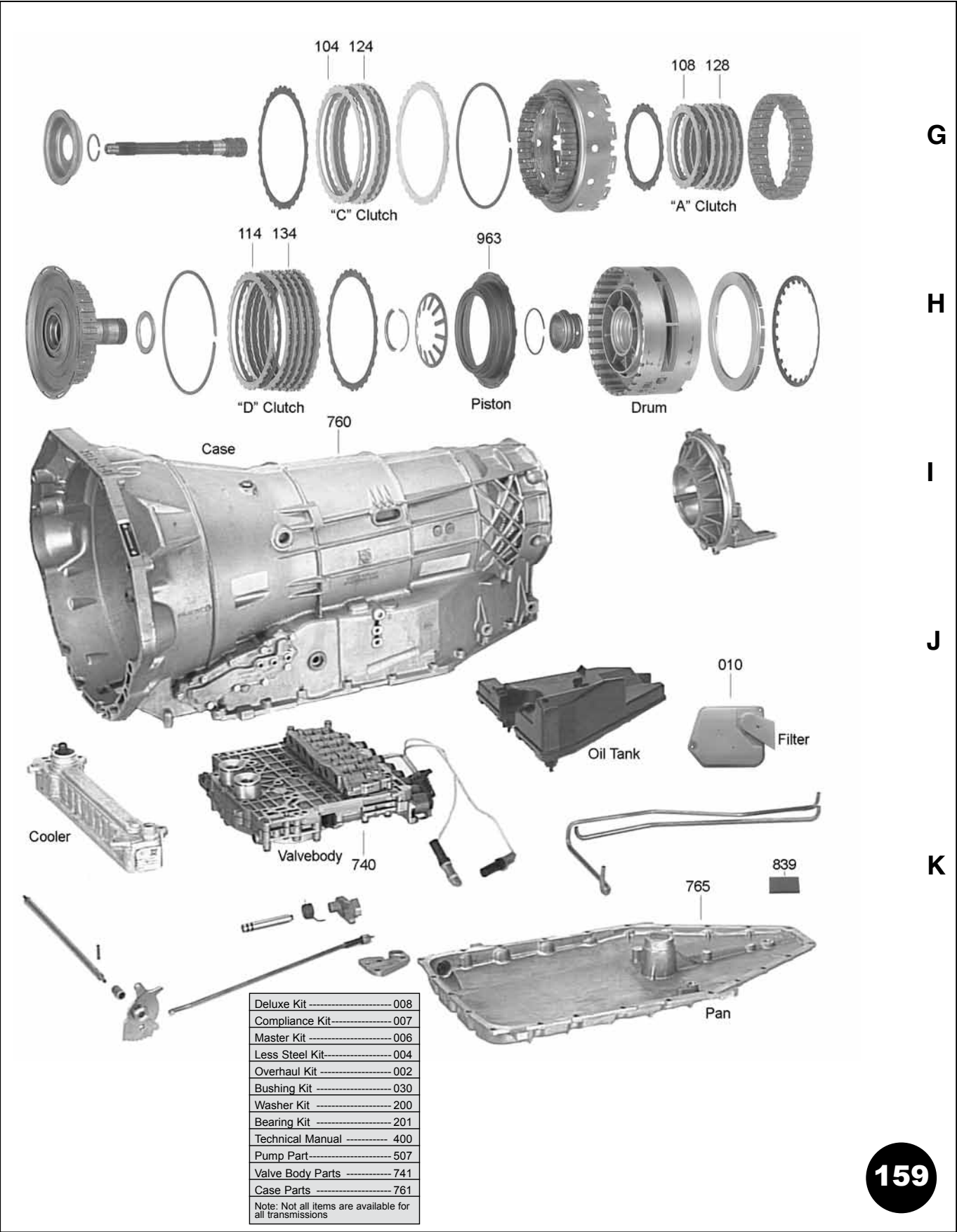


139010B

ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REF. NO.
MASTER OVERHAUL KITS (WITH STEELS)					
006I	ZF5HP24 (w/o Pistons) (Land Rover Rear Seal Not Included).....	1	96-Up	139006A	N.L.
006I	ZF5HP24A (w/o Pistons) (Land Rover Rear Seal Not Included)	1	97-Up	139006C	N.L.
LESS STEEL KITS					
004I	ZF5HP24 (w/o Pistons) (Land Rover Rear Seal Not Included).....	1	96-Up	139004A	N.L.
004I	ZF5HP24A (w/o Pistons) (Land Rover Rear Seal Not Included)	1	97-Up	139004C	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
002I	ZF5HP24 (w/o Pistons) (Land Rover Rear Seal Not Included).....	1	96-Up	139002	1058-298-022
002I	ZF5HP24A (w/o Pistons) (Land Rover Rear Seal Not Included)	1	97-Up	139002A	1058-298-023
FILTER KITS					
011K	ZF5HP24.....	1	96-Up	139011	N.L.
011K	ZF5HP24A	1	97-Up	139011B	N.L.
FILTERS					
010K	ZF5HP24.....	1	96-Up	139010	0501-004-925
010K	ZF5HP24A	1	97-Up	139010B	0501-006-460
BUSHINGS					
037	Stator, Rear (Solid Bronze).....	1	96-Up	139037	N.L.
METAL CLAD SEALS					
070A	Front Pump	1	96-Up	69070	24311-207-433
074	Extension Housing, Land Rover	1	03-Up	134074	96020744
FRICTION PLATES					
108A	A Pack.....	6	96-Up	69100	24231-215-441
106G	B Pack.....	6	96-Up	139106	DAZ08040
104B	C Pack	4	96-Up	69100	24231-215-441
114C	D Pack	3-5	96-Up	139106	DAZ08040
100D	E Pack.....	4-5	96-Up	139106	DAZ08040
102F	F Pack.....	6	96-Up	159108	1055-270-030
119	Friction Module, All (OEM).....	1	96-Up	139119A	1058-298-015
STEEL PLATES					
128A	A Pack.....	6	96-Up	139128	N.L.
126G	B Pack.....	6	96-Up	139126	N.L.
124B	C Pack	4	96-Up	139128	N.L.
134C	D Pack	3-5	96-Up	139126	N.L.
120D	E Pack.....	4-5	96-Up	139126	N.L.
122F	F Pack.....	6	96-Up	159124	1055-374-024
139	Steel Module, All (OEM).....	1	96-Up	139139A	1058-298-017
VALVE BODY RECALIBRATION KITS					
165I	Valve Body Kit, ZF5HP24 (OEM).....	1	96-Up	D139165	5HP24VBK01
BEARINGS & RACES					
226	Bearing, "B" Clutch Hub Rear	1	96-Up	139226	1058-202-016

ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REF. NO.
GASKETS & O-RINGS					
300K	Gasket, Pan (ZF5HP24)	1	96-Up	139300	0501-319-899
300K	Gasket, Pan (ZF5HP24A)	1	97-Up	139300A	1058-303-015
379	O-Ring, Filter (ZF5HP24)	1	96-Up	139379	N.L.
TECHNICAL MANUALS					
400I	Repair Manual, ZF5HP24 (Rwd)	1	96-Up	139400A	5HP24REP01
400I	Repair Manual, ZF5HP24 (Exc Rwd)	1	97-Up	139400B	5HP24AREP01
400I	Technical Manual, Functional Description (All)	1	96-Up	139400AF	5HP24FD01
ELECTRICAL COMPONENTS					
420	Solenoid Master Kit (BMW to 018) (Jaguar to 024)	1	96-98	129420CK	1060-298-035
420	Solenoid Master Kit (Audi) (BMW from 020) (Jaguar from 026)	1	98-Up	129420BK	1060-298-034
420	Solenoid, Shift (All)	3	96-Up	129420	0750-132-122
431	Solenoid, EPC (BMW to 018) (Jaguar to 024)	1	96-98	129431	0501-210-725
431	Solenoid, EPC (Audi) (BMW from 020) (Jaguar from 026)	1	98-Up	159431A	0501-210-875
431	Solenoid, EPC (All)	4	96-Up	129431D	N.L.
436	Sensor, Input & Output Speed (Internal) (ZF5HP24)	2	96-Up	69436A	0501-310-401
436	Sensor, Speed (Rear) (External) (ZF5HP24A)	1	97-Up	139439	0501-208-543
438	Sensor, Speed (ISS) (Internal) (ZF5HP24A)	1	97-Up	129438	0501-311-086
439	Sensor, Speed (Front) (External) (ZF5HP24A)	1	97-Up	139439	0501-205-543
446	Harness, Internal Wire (ZF5HP24)	1	96-Up	139446	1058-227-019
446	Harness, Internal Wire (ZF5HP24A)	1	97-Up	139446A	1058-227-020
MISCELLANEOUS COMPONENTS					
507	Valve, Pressure Regulator (2nd Design)	1	96-Up	159507PA	1058-327-030
510A	Pump Body & Gears (ZF5HP24)	1	96-Up	139510	1058-210-061
510A	Pump Body & Gears (ZF5HP24A)	1	97-Up	139510A	1058-210-062
544A	Pump Plate, Intermediate (ZF5HP24)	1	96-Up	139544	1058-310-074
544A	Pump Plate, Intermediate (ZF5HP24A)	1	97-Up	139544A	1058-310-024
550F	Drum, "F"	1	96-Up	139550F	1058-277-001
554A	Drum, "A"	1	96-Up	139554A	1058-270-040
570	Hub w/ Shaft (ZF5HP24)	1	96-Up	139570	N.L.
570	Hub w/ Shaft (ZF5HP24A)	1	97-Up	139570B	1058-271-041
670	Input Shaft, Sun Gear Type	1	96-Up	139670	1058-202-014
740J	Valve Body (Premium) (BMW, Jaguar) (Sol # 05012-10060)	1	96-Up	P139740-1	N.L.
740J	Valve Body (Premium) (BMW, Jaguar) (Sol # 05012-09875)	1	96-E98	P139740-3	N.L.
740J	Valve Body (Premium) (Audi, VW)	1	97-Up	P139740-2	N.L.
770	Extension Housing	1	97-01	139770	1058-314-014
927	Piston, Accumulator (Plastic) (ZF5HP24)	2	96-Up	139927	1058-327-017
927	Piston, Accumulator (Aluminum) (ZF5HP24A) (Will Replace Plastic)	2	97-Up	139927A	1058-327-087
962	Piston, "E" Clutch (fits in the "D" Cylinder)	1	96-Up	139962	1058-375-020
967F	Piston, "F" Clutch (Bonded)	1	96-Up	139967	0501-212-967
992	Shaft, Shift Selector	1	96-Up	139992	1058-306-019
VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 8	Pressure Regulator Valve Kit O.S. (T-F-139740-TL & T-VB-FIX)	N.L.	N.I.	S139741P	139740-01K





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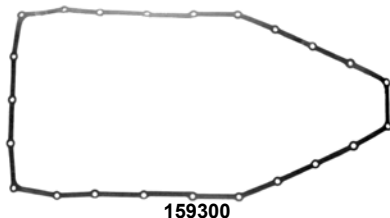
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ZF5HP30

ZF5HP30



ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REF. NO.
MASTER OVERHAUL KITS (WITH STEELS)					
006K	ZF5HP30 (w/ Pistons).....	1	91-Up	159006A	N.L.
LESS STEEL KITS					
004K	ZF5HP30 (w/ Pistons).....	1	91-Up	159004A	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
002K	ZF5HP30.....	1	91-Up	159002A	1055-298-019
FILTER KITS					
011K	ZF5HP30.....	1	91-Up	159011A	N.L.
FILTERS					
010K	ZF5HP30.....	1	91-Up	159010A	1055-298-015
METAL CLAD SEALS					
070A	Front Pump	1	91-Up	69070	24311-207-433
FRICTION PLATES					
108G	A, E1, F (5.63" OD)	15-16	91-Up	159108	1055-270-030
106B	B, C, D, E2 (8.00" OD)	13-17	91-Up	159106	1055-271-025
N.I.	Friction Module	1	91-Up	159119A	5HP30CK
STEEL PLATES					
128G	A Clutch (27T)	5	91-Up	159128	1055-370-089
126B	B, C, D, E2 (32T)	14-17	91-Up	159126	1055-371-003
124G	E1, F (24T).....	11	91-Up	159124	1055-374-024
PRESSURE PLATES					
Prefix Key: D = OEM, A = Aftermarket New, U = Quality Inspected					
144G	C Clutch (2nd Design).....	1	91-Up	159144	1055-370-095
VALVE BODY RECALIBRATION KITS					
165K	Valve Body Kit.....	1	91-Up	159165	5HP30VBK
GASKETS & O-RINGS					
300K	Gasket, Pan	1	91-Up	159300	0750-112-155
320	Gasket, Valve Body (Models 308, 309, 312).....	1	91-Up	159320	N.L.
320	Gasket, Valve Body (Models 316-Up).....	1	91-Up	159320A	N.L.
TECHNICAL MANUALS					
400K	Tech Manual, Repair	1	91-Up	159400A	5HP30REP01
400K	Tech Manual, Functional	1	91-Up	159400AF	5HP30FD01
400K	Tech Manual, Valve Body Repair	1	91-Up	159400V	5HPVBMAN01
ELECTRICAL COMPONENTS					
420	Solenoid Master Kit (BMW V8 Engine)	1	91-Up	159420K	1055-298-029
420	Solenoid Master Kit (All Exc. BMW V8 Engine)	1	91-Up	159420AK	1055-298-028
420	Solenoid, Shift (All)	3	91-Up	129420	0750-132-122
431	Solenoid, EPC (BMW V8)	1	91-Up	159431	0501-311-843
431	Solenoid, EPC (BMW V12).....	1	91-Up	159431A	0501-210-875
431	Solenoid, EPC (All)	4	91-Up	159431B	N.L.
436	Sensor, Input & Output Speed	2	91-Up	69436A	0501-310-401

691

ZF6HP19



ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REF. NO.
MASTER OVERHAUL KITS (WITH STEELS)					
006	ZF6HP19 (Rwd).....	1	02-Up	55006	N.L.
006	ZF6HP19A (Awd).....	1	04-Up	55006A	N.L.
LESS STEEL KITS					
004	ZF6HP19 (Rwd).....	1	02-Up	55004	N.L.
004	ZF6HP19A (Awd).....	1	04-Up	55004A	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
002	ZF6HP19 (Rwd).....	1	02-Up	55002	N.L.
002	ZF6HP19A (Awd).....	1	04-Up	55002A	N.L.
FILTERS					
010	ZF6HP19 (Plastic Integral Filter and Pan).....	1	02-Up	55010	0501-216-244
010	ZF6HP19A.....	1	04-Up	55010A	0501-212-401
FRICTION PLATES					
300	Friction Module, ZF6HP19, ZF6HP19A (OEM).....	1	02-Up	55119	1071-298-013
STEEL PLATES					
300	Steel Module, ZF6HP19 (OEM).....	1	02-Up	55139	1071-298-011
300	Steel Module, ZF6HP19A (OEM).....	1	04-Up	55139A	1071-298-012
PAN GASKETS					
300	ZF6HP19 (Molded Rubber).....	1	02-Up	55300	0501-323-156
300	ZF6HP19A.....	1	04-Up	55300A	N.L.
VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 8	Bypass Clutch Control Valve Kit O.S. (T-F-95740-TL13 & T-VB-FIX req).....	WEB	3	S95741D-1K	95740-13K
Vol 8	Clutch A Control Valve Kit O.S. (T-F-95740-TL8 & T-VB-FIX req).....	WEB	8	S95741L-1K	95740-09K
Vol 8	Clutch D1 or E Control Valve Kit O.S. (T-F-95740-TL8 & T-VB-FIX req).....	WEB	7	S95741G-1K	95740-08K
Vol 8	Converter Release Regulator Valve Kit O.S. (T-F-95740-TL5 & T-VB-FIX req).....	WEB	1	S95741C-1K	95740-05K
Vol 8	End Plug Kit w/ O-Ring (Internal).....	WEB	12	S95741BA-6	95740-25K
Vol 8	End Plug Kit w/ O-Ring (Sonnax).....	WEB	11	S95741A-6	95740-19K
Vol 8	Piston & Spring Kit, Valve Body Accumulator.....	WEB	10	S95741E	95740-15K
Vol 8	Sleeve, Pressure.....	WEB	4	S95741PA-2	95740-03
Vol 8	Valve & Sleeve Boost Clutch "A".....	WEB	9	S95741F-1	95740-21K
Vol 8	Valve Kit, Lube Cont O.S. (T-F-95740-TL11 & T-VB-FIX req).....	WEB	2	S95741H-1	95740-11K
Vol 8	Valve Kit, Pressure O.S. (T-F-95740-TL & T-VB-FIX req).....	WEB	5	S95741P-1	95740-01K
Vol 8	Valve Kit, Solenoid Pressure O.S. (T-F-95740-TL17 & T-VB-FIX req).....	WEB	6	S95741PH-1	95740-17K

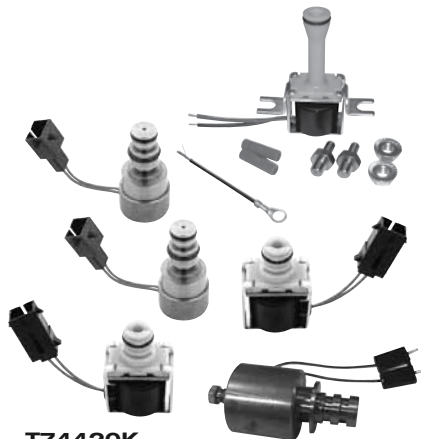
ILL.	DESCRIPTION	QTY.	YEAR		REF. NO.
OVERHAUL KITS (W/ RINGS & SEALS)					
002	ECOMAT, HP500, HP600	1	90-Up	165002	N.L.
FILTERS					
010	Filter	1	90-Up	165010	N.L.
FRICTION PLATES					
108	A Pack	AR	90-Up	165108	N.L.
106	B Pack	AR	90-Up	165110	N.L.
100	C Pack	AR	90-Up	165110	N.L.
110	D Pack (2.7mm)	AR	90-Up	165114A	N.L.
110	D Pack (3.0mm)	AR	90-Up	165114	N.L.
104	E Pack (2.7mm)	AR	90-Up	165114A	N.L.
104	E Pack (3.0mm)	AR	90-Up	165114	N.L.
113	F Pack (2.7mm)	AR	90-Up	165114A	N.L.
113	F Pack (3.0mm)	AR	90-Up	165114	N.L.
115	Converter Pack	AR	90-Up	165115	N.L.
STEEL PLATES					
128	A Pack (2.0mm)	AR	90-Up	165128	N.L.
128	A Pack (2.5mm)	AR	90-Up	165128A	N.L.
126	B Pack (2.0mm)	AR	90-Up	165130	N.L.
126	B Pack (2.5mm)	AR	90-Up	165130A	N.L.
120	C Pack (2.0mm)	AR	90-Up	165130	N.L.
120	C Pack (2.5mm)	AR	90-Up	165130A	N.L.
130	D Pack	AR	90-Up	165134	N.L.
124	E Pack	AR	90-Up	165134	N.L.
133	F Pack	AR	90-Up	165134	N.L.
135	Converter Clutch	AR	90-Up	165135	N.L.

CVT

ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REF. NO.
OVERHAUL KITS (W/ RINGS & SEALS)					
002	Ford (CFT23)	1	02-Up	33002LC	N.L.
002	Subaru Justy (ECVT)	1	89-94	33002AF	N.L.
002	Nissan Micra (ECVT)	1	95-99	33002AF	N.L.
002	Nissan Micra (RE0F21A)	1	00-Up	33002D	N.L.
002	Nissan Primera (RE0F06A)	1	96-Up	33002E	N.L.
002	Mitsubishi (F1C1)	1	01-Up	33002K	N.L.
002	Mini Cooper (VT1)	1	02-08	33002M	N.L.
FILTERS					
010	Ford (CFT23)	1	02-Up	33010LC	N.L.
010	Subaru Justy (ECVT)	1	89-94	33010A	N.L.
010	Nissan Micra (ECVT)	1	95-99	33010AF	N.L.
010	Nissan Micra (RE0F21A)	1	00-Up	33010D	N.L.
010	Nissan Primera (RE0F06A)	1	96-Up	33010E	N.L.
010	Mitsubishi (F1C1)	1	01-Up	33010K	N.L.
010	Mini Cooper (VT1)	1	02-08	33010M	N.L.
MISCELLANEOUS COMPONENTS					
700	Nissan Primera (RE0F06A) Drive Belt	1	96-Up	33700E	N.L.



Electronic Solutions



T74420K

FITS 93-95 4L60E.

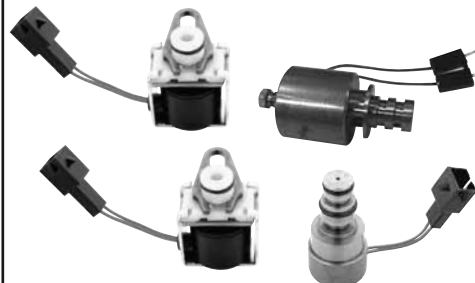
WARNING: This product will not work in 96 up vehicles.



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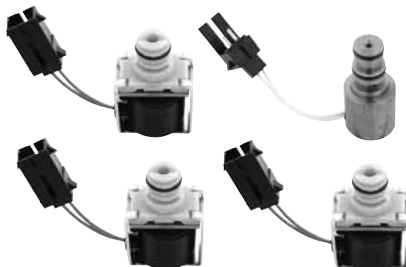
FITS 96-02 4L60E

WARNING: This product will only work in 96 up vehicles.



MS 4L80E

FITS 93-03 4L80E



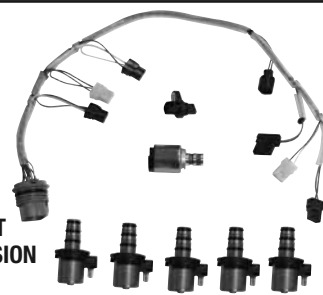
MS 4T60E

FITS 92-98 4T60E



MS A4LD

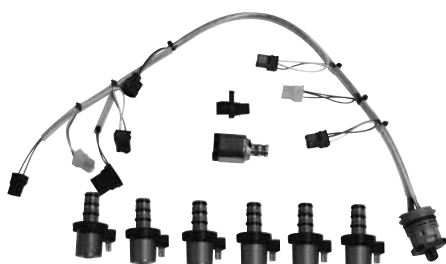
FITS 87-95 A4LD



MASTER KIT TRANSMISSION SOLENOID

MS KM-F4A41-05-H

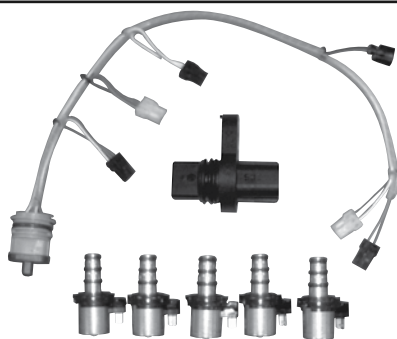
Fits 05 up F4A41/42/51, F4A4B Four Speed with VFS Includes the TOT sensor



MASTER KIT TRANSMISSION SOLENOID

MS KM-F5A51-05-H

Fits 05 up F5A51, A5HF1 Five Speed with VFS Includes the TOT sensor



SUPER MASTER SOLENOID KIT

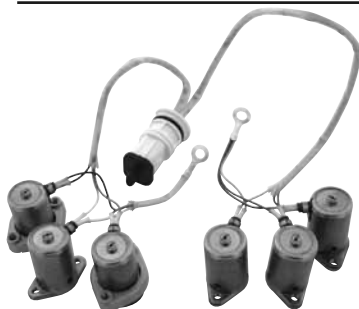
MS KM-40/50-H

Fits 96-04 F4A41/42/51 Four Speed Includes the TOT sensor

SUPER MASTER SOLENOID KIT

MS KM-40/50 '01-H

Fits 01-04 F5A51 Five Speed Includes the TOT sensor



SUPER MASTER SOLENOID KIT

MS KM-A4AF3

Fits 00-02 A4AF3, A4BF2 Six Solenoid Valve Body



SUPER MASTER SOLENOID KIT

MS KM-175

Fits 85-98

KM-175/176/177/178, F4A21/22/23/33

Warning: fits only Mitsubishi 92 and older

SUPER MASTER SOLENOID KIT

MS KM-175 '93

Fits 93-98 KM-177/178, F4A22/23

Warning: only for Mitsubishi 93 and up

Electronic Solutions



T54425B
GM RWD MULTI-FIT LOCK-UP
Fits 81-89 200-4R, 82-92 700-R4,
93 up 4L60E 20-40 Ohms



T84425
GM FWD MULTI-FIT LOCK-UP
Fits 82-95 125C, 81-85 325-4L,
84-92 440-T4 20-40 Ohms



34605U
GM EPC PRESSURE REGULATOR
Fits 90-02 4L30E, 93-02 4L60E,
93-03 4L80E 3.5 – 4.66 Ohms, OEM Plug
Compatible



T34418
GM RWD PWM/ TCC
Fits 93-06 TCC 4L60E,
93-95 PWM 4L60E, 91-06 4L80E
9-14 Ohms, OEM Plug Compatible



K77926
4L60E ON/OFF 3-2 DOWNSHIFT
Fits 96-06 PWM 4L60E
20-31 Ohms, OEM Plug Compatible



T84421
GM MULTI-FIT SHIFT AND LOCK-UP
Fits 93-06 Shift 4L60E,
93-99 Shift and TCC 4T60E
20-40 Ohms, OEM Plug Compatible



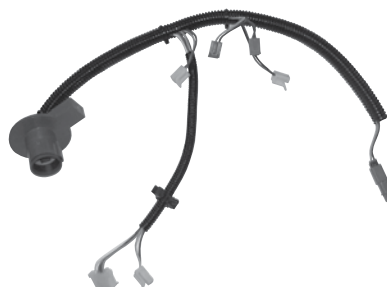
T34421
4L80E SHIFT SOLENOID
Fits 91-06 4L80E
20-40 Ohms, OEM Plug Compatible



K84858
4T60E PWM
Fits 93-99 4T60E
9-14 Ohms, OEM Plug Compatible



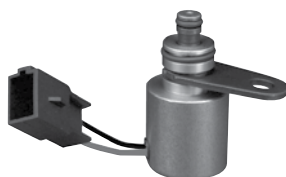
T84446EC
4T60E INTERNAL WIRING HARNESS
Fits 93-99 4T60E



T84446HB
4T65E INTERNAL WIRING HARNESS
Fits 96-02 4T65E



T34446
4L80E INTERNAL WIRING HARNESS
Fits 94-03 4L80E



T76425
AODE MCCC
Fits 92- Early 95 AODE
1-3 Ohms, OEM Plug Compatible



T76425BA
AODE/ 4R70W MCCC
Fits 95-97 AODE, 4R70W
10-16 Ohms, OEM Plug Compatible



T76420
AODE/ 4R70W Shift Pack
Fits 92-97 AODE, 95-97 4R70W
20-40 Ohms per solenoid, OEM Plug Compatible



T56421B
4R44 SHIFT/ COAST
Fits 95 up 4R44E, 4R55E, 5R55E
22-48 Ohms, OEM Plug Compatible



Electronic Solutions



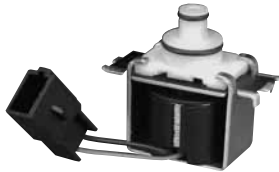
T86425
AXOD/AXODE LOCK-UP
Fits 86-90 AXOD, 91 Only Taurus Only AXODE
21-36 Ohms, OEM Plug Compatible



T86425B
AODE/ AX4S/ AX4N EARLY MCCC
Fits 91-94 AODE, 93-97 AX4S, 95-96 AX4N
.98-1.6 Ohms, OEM Plug Compatible



96954
AX4S/ AX4N MCCC
Fits 98-04 AX4S, 97-07 AX4N
13-24 Ohms, OEM Plug Compatible



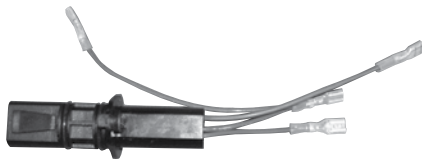
T86420
AXODE/ AX4S/ AX4N SHIFT
Fits 91-94 AXODE, 95-04 AX4S, 95-07 AX4N
15-25 Ohms, OEM Plug Compatible



T56425
A4LD LOCK-UP
Fits 85-95 A4LD
26-40 Ohms, OEM Plug Compatible



T56423
A4LD SHIFT
Fits 87-95 A4LD
26-40 Ohms, OEM Plug Compatible



T56444A
**A4LD INTERNAL HARNESS
(CASE CONNECTOR)**
Fits 87-95 A4LD



82840
ZFHP22 EPC
Fits 84-94 ZF4HP22, 88-94 ZF4HP24
3.5-4.66 Ohms, NOTE: 5 Solenoid Valve Body ONLY!!



T69421
ZFHP22 SHIFT
Fits 84-94 ZF4HP22, 88-94 ZF4HP24
26-40 Ohms, NOTE: 5 Solenoid Valve Body ONLY!!



42421E
KM SHIFT
Fits 85-98 KM-175/176/177/178, F4A21/22/23/33
20.8-23.8 Ohms



42935
KM EPC / EARLY DCC
Fits 85-98 KM-175/176/177/178, F4A21/22/23/33 EPC,
Fits 85-98 Hyundai Lock-up, 85-92 Mitsubishi Lock-Up
2.6-3.2 Ohms, NOT for 93 up MITSUBISHI IN DCC!!!



42936
KM LATE DCC
Fits 93-98 KM-175/176/177/178, F4A21/22/23/33
13-15 Ohms, Mitsubishi ONLY!!! NOT HYUNDAI!!!

Electronic Solutions



T82421
LATE KM SOLENOID

Fits: Fits: 98-08 F4A41/42/4B/51, A5HF1, R4A51, R5A51,
V4A51, V5A51, W4A42
All positions except VFS solenoid position in 05 up units



T82431
LATE KM VFS SOLENOID

Fits: 05 up F4A41/42/4B/51, F5A51, A5HF1



K42954 SW
KM INHIBITOR SWITCH

Fits: 98-08 F4A41/42/51, R4A51, V4A51, W4A42
Also known as PRNDL or Neutral Safety Switch



T82436
LATE KM OUTPUT PULSE GENERATOR

Fits: 98-08 F4A41/42/51, F5A51, V4A51, W4A42



T82438
LATE KM INPUT PULSE GENERATOR

Fits: 98-08 F4A41/42/51, F5A51, V4A51, W4A42



T42436G
EARLY KM PULSE GENERATOR

Fits: 92-98 F4A23, KM-178



T42436LB
EARLY KM PULSE GENERATOR

Fits: 96-02 A4AF1/F2, A4BF1/F2, F4A32



T42436M
EARLY KM PULSE GENERATOR

Fits: 95-98 F4A33, W4A33



T42436P
EARLY KM PULSE GENERATOR

Fits: 90-98 F4A21/22, KM-175/176/177



T82446A
KM HARNESS

Fits: 96-04 F4A41/42/51
For Four Speed Units



T82446C
KM HARNESS

Fits: 00-04 F5A51
For Five Speed Units



T82446B
KM HARNESS

Fits: 05 up F4A41/42/51, F4A4B
For Four Speed Units



T82446D
KM HARNESS

Fits: 05 up F5A51, A5HF1
For Five Speed Units



T82437
KM TEMPERATURE SENSOR

Fits: 96-04 F4A41/42/51, 00-04 F5A51



42437L
KM TEMPERATURE SENSOR

Fits: 93-02 A4AF1/F2, A4BF2/F3, F4A32



42437J
KM TEMPERATURE SENSOR

Fits: 85-98 F4A21/22, KM-175/176



42437M
KM TEMPERATURE SENSOR

Fits: 95-98 F4A33, W4A33



Transmission Accessories

UNIVERSAL TRANSMISSION FILLER TUBES & STICKS

ECONOMY HIGH PERFORMANCE



K35999U
Fits all 200, 200C, 200-4R, 350, 350C and 400 transmissions, deep or shallow pan.



K77999U
Fits most GM's 700-R4, 4L60, 4L60E, '95 and down, plus 2.8 and 4.3 V-6 S-10 applications.



T44494U
Features lockdown top to eliminate stick blow-out!

Fits all 200, 200C, 200-4R, 350, 350C and 400 transmissions, deep or shallow pan.

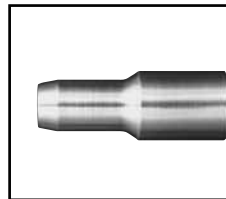


T74494U
Features lockdown top to eliminate stick blow-out!

Fits most GM's 700-R4, 4L60, 4L60E, '95 and down, plus 2.8 and 4.3 V-6 S-10 applications.



FORD FILLER TUBE REPAIR END 3999U
Fits Fords only.



STEEL FILLER TUBE REPAIR END T44494R
Fits Ford, Chrysler & GM (with GM hat seal). Made of steel so it can be braised.



UNIVERSAL DUST COVER K35803U
Fits over 90% of all GM rear wheel drive automatic transmissions, 1965 to 1995 car and light duty truck.

Now Ford AOD Detent Truck Cable as well! T76497B

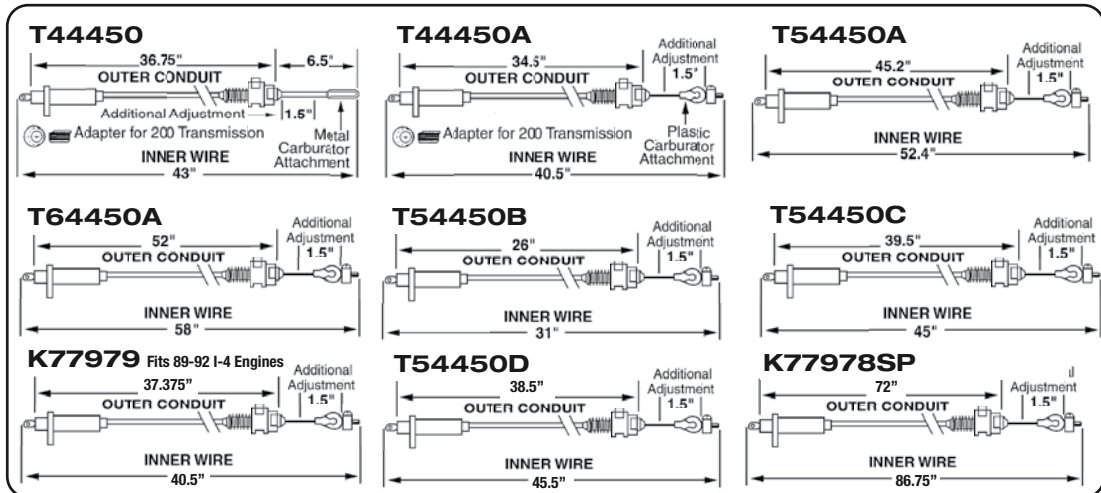
UNIVERSAL DETENT CABLES

Telescoping design fits 95% of all GM transmissions.

K35955U (A) - Does not fit firewall mount. Fits 200 & 200C, '76 to '80, 250, 250C, 350, 350C '69 to '87.

K65940U (B) - Does not fit 325, 3254L. Fits 125C, 200, 200C, 200-4R, 440-T4, 700-R4, 4L60.

OEM-Style Detent Cables Original equipment style detent cables for GM cars and trucks.



(A)

(B)



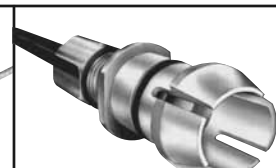
Large GM Detent Cable Repair End T74451C
Lower '80-UP 700-R4, 125C, 200, 200C, 200-4R, 440-T4 325, 325-4L



Small GM Detent Cable Repair End T44451DC
Lower '69-'87 350 & some 200 cables



Cable End Upper K35955CE



Cable End Lower T57451
BW, Asian Warner Volvo, Toyota, Jaguar, Z-F; '72-'97

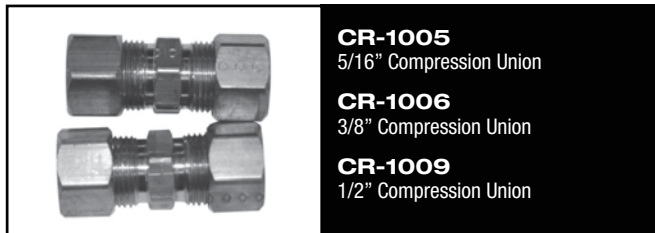
Automatic Cooler Line Fittings



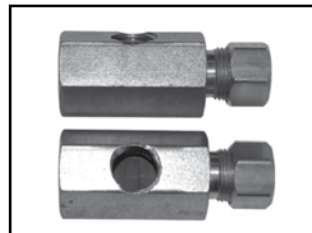
CR-1001 5/16" Compression to Male 1/4" Pipe NPT
CR-1002 3/8" Compression to Male 1/4" Pipe NPT
CR-1007 1/2" Compression to Male 1/4" Pipe NPT



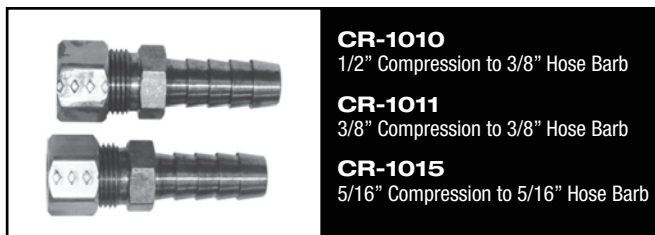
CR-1003 3/8" Hose Barb to Male 1/4" Pipe NPT
CR-1004 5/16" Hose Barb to Male 1/4" Pipe NPT



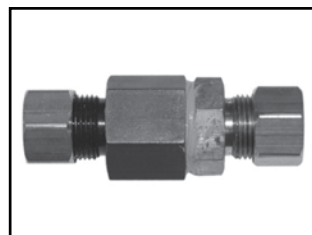
CR-1005 5/16" Compression Union
CR-1006 3/8" Compression Union
CR-1009 1/2" Compression Union



CR-1008 Three Way Fitting for making parallel coolers with one line to the transmission and one each to the radiator cooler and the external cooler.



CR-1010 1/2" Compression to 3/8" Hose Barb
CR-1011 3/8" Compression to 3/8" Hose Barb
CR-1015 5/16" Compression to 5/16" Hose Barb



CR-1012 5/16" Compression Union with One Way Valve
CR-1014 3/8" Compression Union with One Way Valve
CR-1016 1/2" Compression Union with One Way Valve

REMEMBER OUR OEM STYLE FITTINGS ALSO



CHRYSLER COOLER LINE FITTINGS

T22996A 3/8" Push-In
D22996C Late 48RE 1/2" Screw-In
T22996X 47,48RE For External Cooler
T22996B 1/2" Push-In



FORD COOLER PUSH-IN LINE FITTINGS

T76996 11/16"
T56996 13/16" 5/16" Line
T86996 11/16"
96289 13/16" 3/8" Line



GM COOLER LINE FITTINGS

31284 4L60E 4L80E Front
31285 4L80E rear clip-in
34996EB 4L80E repair rear screw-in repair



T86996BR Ford 3/8" Push In Line Repair
When the case threads are worn, use this fitting to stop the leaks.



Automatic Solutions

BEARINGS THAT KEEP YOU ROLLING!



**GM
T64275**
AUTOMATIC:
125-125C, (3-speed)
left & right side, 440-T4, (4-
speed) right side only.
STICK: SAGINAW
4-speed & 5TM40
5-speed both left &
right side, '80-UP.
Replacement seal:
T84075



**GM
T84275**
AUTOMATIC:
440-T4 (4-speed)
left side only, '85-UP.
Replacement seal:
T84075



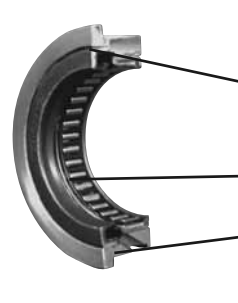
**FORD
T66275**
AUTOMATIC & STICK:
Escort '81-UP, Topaz
& Tempo, '85-UP,
Taurus & Sable,
'86-UP, Lincoln
Continental, '89-UP.
Replacement seal:
T66076



**CHRYSLER
T32275**
AUTOMATIC:
A404, A413, A470,
A604, A670, left &
right side.
STICK: A465, A525,
A520, A555,
'78-UP, A578, left
& right side.
Replacement seal:
T32076



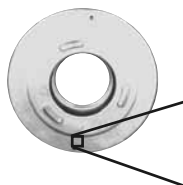
**NISSAN
T93275**
AUTOMATIC & STICK:
Nissan, '82-UP
Sentra, Stanza,
Pulsar.
Replacement seal:
15723



**CHRYSLER BEARING
& SEAL UNIT**
Flange stop protects
final drive bearing
preset.
3,000 lb. load roller
bearing.
Drain back guarantees
full bearing lubrication.

THE "STABILIZER" AXLE SUPPORT BEARINGS

Seals sold separately.



**700-R4 REVERSE
PISTON CAPSULE
T74481** End 700-R4
reverse clutch burnout and slug-
gish engagement.
Install our flow re-
stricting capsule
'87-UP.



**CONVERTER DRAIN
BACK/ PRESSURE
RELIEF CAPSULE
96280**
AXODE / AX4S / AX4N For
converter drain back and
pressure release failures.



RETAINING
CLIP



FRONT
VIEW

**VALVE BODY PLATE
BALL SEAT
VB-101**
Save valve body separator plate
from check ball damage. GM &
FORD with 1/4" balls.



**CASE SAVER
34270T**
For TH-400, 3L80E, 4L80E. Save a spun
out case with the 3-Tang Case Saver
Washer!



**TCC PUMP ORIFICE
CAPSULE
T74507C-6**
For 4L60E '96-UP Prevents
Lock-Up failure.



**ANTI-CLUNK SPRING
CENTER SUPPORT
T76639** For AOD / AODE /
4R70W This spring is curved differently
so it will not ride in same position in the
case. Replaces the OEM spring / saves
the center support.



SERVO EXTENDO PIN
Extend your servo pin length in seconds!
T84908G 4T65E (Forward Only)
T34913 400 and 4L80E Reverse
T84908 440-T4 (Both servos)
T74908 700-R4
T74908E 4L60E
T54908A 200-4R (early & late)
T86908 AXODE (Low & intermediate)
T56913A A4LD (reverse only)



**4R70W VALVE BODY
ALIGNMENT PIN ADAPTER
A76741A-2**
Fits:
93-95 Old Style Case with late model
96-Up Valve Body



22574SS
Shift lever sure seal for
Chrysler transmissions fits
904, 727, 518, 618, 404,
417 & 470



5607SS
Shift lever sure seal for
Ford Transmissions fits
A4LD, AODE, AOD, 4R44,
4R55, 5R55, 4R70W &
4R100



SEAL SURE BUSHING
A. T54034A -200, 200C, 350, 200-4R,
3254L, 700-R4, 4L60E.
B. T56034 -A4LD and C3. Prevents the
front seal from pushing out of the pump by
retaining the fluid in the pump.



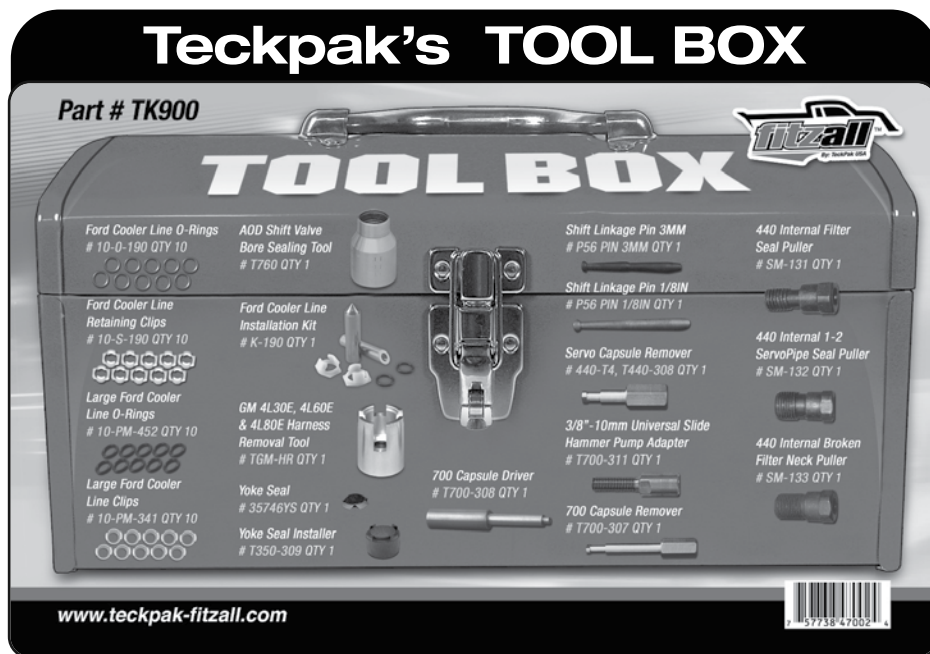
4L60E TCC VALVE REPLACEMENT
P1870 Code Fix for 96-02 4L60E



A74741QC Fits 00-02

A74741QB Fits 96-99

Tools



Teckpak's FixAll Tool Box offers big savings over purchasing tools individually.

T-9183-2 Quick release Ford Manual Lever Retaining Pin (Silver) 1/8IN

T440-308 440-T4 Servo Capsule Remover
T700-311 3/8"-10MM Universal Slide Hammer Pump Puller Adapter

T700-307 700-R4 Capsule Remover

T700-308 700-R4 Capsule Driver

SM-131 440-T4 Internal Filter Seal Puller

SM-132 440-T4 Internal 1-2 Servo Pipe Seal Puller

SM-133 440-T4 Internal Broken Filter Neck Puller

FIXALL TOOL BOX TK900

10-0-190 Small Ford Cooler Line O-Rings

T76496C Small Ford Cooler Line Retaining Clips

10-PM-452 Large Ford Cooler Line O-Rings

10-PM-341 Large Ford Cooler Line Clips

T760 AOD Shift Valve Bore Sealing Tool

T76496AK Small Ford Cooler Line Installation Kit

T-TGM-HR GM 4L30E, 4L60E & 4L80E Harness Removal Tool

T44075 Hollow Yoke Seal Fits: 350, 700-R4, C4 & AOD

T350-309 Hollow Yoke Seal Installation Tool

T-9183-1 Quick release Ford Manual Lever Retaining Pin (Black) 3MM

SM-134



DOWEL PIN REPAIR KIT
T350-301



Stepped off to install the correct depth every time!

PUMP BUSHING DRIVER

T700-309
200, 200C, 200-4R,
325-4L, 700-R4, 4L60
& 4L60E

CASE BUSHING DRIVER

T700-310
250, 250C, 350, 350C,
700-R4, 4L60, 4L60F



YOKE SEAL

Stops driveshaft yoke leakage.

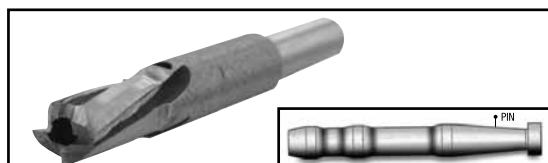
T44075K Kit Includes six yoke seals and free installation tool.

35746YS 350 & 700-R4

T350-309 Tool installation.

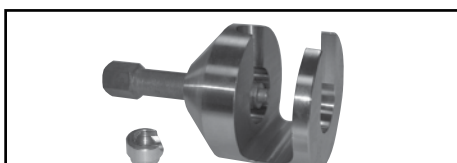


AXLE STABILIZER
INSTALLATION DRIVER
T404-303



FORD SHIFT LINKAGE PIN REMOVAL KIT

T-9183 Kit for easy removal and replacement. This kit includes (1) 3MM Pin & (1) 1/8 IN. Pin. Easy pull pins for A4LD, 4R44, 4R55, 5R55, AODE, AOD, 4R70W & 4R100. Replacement Pins Available



TFD-BJR 98-up Late Model Front Wheel Drive Ball Joint Remover



FORD MODULAR ADJUSTMENT PIN
T-0162MP For ALL Ford Transmissions with a modulator, make the correct pin.



NEW AND IMPROVED! CHRYSLER FRONT WHEEL DRIVE CARRIER BEARING REMOVER AND INSTALLER

Fits most Front Wheel Drive Chryslers including the 604 (41TE/41AE) as well as A670, A470, A413 and A404.

Bearing Remover Tool: **T604-305**

Bearing Remover and Installer Tool: **T604-306**



Shim Domestic Applications

Engine Size In Liters	GM Years	GM (FWD/RWD)	Ford Years	Ford RWD/FWD	Chrysler Years	Chrysler MITSUBISHI FWD/RWD	Jeep Years	Jeep
1.1								
1.2								
1.3								
1.3								
1.4					80-84 (6 Hole)	SY46-25,50		
1.5					86-94	SY46-25,50		
1.6			81-85	SM420-25,50	76-90	SY46-25,50		
1.7					78-82	X		
1.8					88-96	SY46-25,50		
1.8								
1.9			86-96	SF468-25,50,89-B				
2.0	82-89	SG628-25,50,89-B	71-89	SF468-25,50,89-B	78-90/94-04	SY46-25,50		
2.0	87-94 (H0)	SG643-25,50						
2.2	90-02	SG628-25,50,89-B	86-92	SM420-25,50	82-04	SY46-25,50	64-70	X
2.2								
2.3			74-97	SF468-25,50,89-B				
2.3	89-94	SG628-25,50,89-B	01 Up	SM420-25,50				
2.4	96-02	SG628-25,50,89-B			90-94/00-06	SY46-25,50	02 up	X
2.4								
2.5					86-02	SY46-25,50		
2.5	77-90	SG628-25,50,89-B	86-91/98-01	SF468-25,50,89-B			80-98	SG628-25,50,89-B
2.6					78-90	SY46-25,50		
2.7					02 up	SY46-25,50		
2.8	82-93	SG628-25,50,89-B					84-86	SG628-25,50,89-B
2.9			86-90	SF629-25,50				
3.0			86-97 (6hole)	SF468-25,50,89-B	88-94/02-04 (6 hole)	SY46-25,50		
3.0	82-88	SC857-25,50,89	98-08 (8hole)	SF340-25, 50	92-96 (8 hole)	X		
3.1	82-93	SG628-25,50,89-B						
3.2	62-67	SC857-25,50,89			04--06	X		
3.3	89-93	SC857-25,50,89			90 up	SY46-25,50		
3.4	91-97	SG628-25,50,89-B						
3.5					93 up	SY46-25,50		
3.7					60-86	SY852-25,50,89-B		
3.7					02 up	X	02 up	X
3.8	78-89	SG628-25,50,89-B	82-03	SF468-25,50,89-B	92 up	SY46-25,50	07 up	X
3.9	54-63	SC857-25,50,89	65-70	SF468-25,50,89-B	88-02	SY852-25,50,89-B		
4.0			90-97 (6 Hole)	SF629-25,50			88-06	SY852-25,50,89-B
4.0			98 UP (8 Hole)	SF340 25,50				
4.1	75-84	SC857-25,50,89	69-80	SF468-25,50,89-B				
4.2			97-07	SF468-25,50,89-B			72-90	X
4.3	98 up	SC866-25,50,89						
4.3	84-97	SG643-25,50						
4.6			91-97 (6 Hole)	SF468-25,50,89-B				
4.6			98 UP (8 Hole)	X				
4.7			63-68	SF468-25,50,89-B	00 Up	SY852-25,50,89-B	99	X
4.8	98 up	SC866-25,50,89						
4.9			65-96	SF468-25,50,89-B				
5.0	76-92	SC857-25,50,89	68-00	SF468-25,50,89-B			72-80	X
5.2					60-02	SY852-25,50,89-B		
5.3								
5.3	98 up	SC866-25,50,89						
5.4	62-69	SC857-25,50,89	97-99 (6 Hole)	SF468-25,50,89-B			66-70	X
5.4			99 Up (8 Hole)	X				
5.6					68-72	SY852-25,50,89-B		
5.7	67-04	SC857-25,50,89		SF460-25,50,89-B	04 up	SY810-25,50,89	68-70	X
5.8			69-91	SF468-25,50,89-B				
5.9			68-76	SF460-25,50,89-B	88-06 Diesel	SY810-25,50,89	72-84	SY852-25,50,89-B
5.9					72-04 (8 cyl Gas)	SY852-25,50,89-B		
6.0	70-81	SC857-25,50,89						
6.0	98 up	SC866-25,50,89	03 Up Diesel	X				
6.2	82-93 Diesel	SC857-25,50,89						
6.3					62-71	SY852-25,50,89-B		
6.4			61-75	SF460-25,50,89-B				
6.5	65-69	SC857-25,50,89			72-80	SY852-25,50,89-B		
6.5	93-01 Diesel	SC857-25,50,89						
6.6	70-72	SC857-25,50,89					74-78	X
6.6	98 up Diesel	SC866-25,50,89	68-79	X				
6.7	70-80	SC857-25,50,89						
6.8			97 Up (10 Cyl)	X				
6.9			83-88 Diesel	SF460-25,50,89-B				
7.0	66-69	SC857-25,50,89			68-71	X		
7.2					70-80	SY852-25,50,89-B		
7.3			92-03 Diesel	SF460-25,50,89-B				
7.4	70-97	SC857-25,50,89 (NOT 455)						
7.5			68-86	SF460-25,50,89-B				
8.0					92-02	SY810-25,50,89		
8.1	98-06	SC866-25,50,89						
8.3					04 up	SY810-25,50,89		

LEGEND: X = No shim available -25 = 0.025 inch thick -50 = 0.050 inch thick -89 = 0.089 inch thick

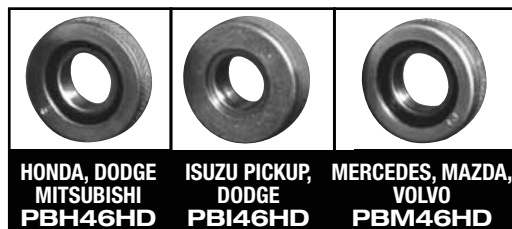
Shim Import Applications

Engine Size In Liters	Honda Years	Honda	Toyota Years	Toyota	Nissan Years	Nissan	Mazda Years	Mazda
1.1							70-82(Wankel)	X
1.2	73-79	SH40-25,50			72-90	SN418-25,50	70	SM420-25,50
1.3	81-87	SH40-25,50			74	SN418-25,50	74-78	SM420-25,50
1.3							84-92/04 up(Wankel)	X
1.4					76-82	SN418-25,50	80	SM420-25,50
1.5	75-00	SH40-25,50	80-04	ST46-25,50	80-84	SN418-25,50	82-84/96-98	SM420-25,50
1.6	76-00	SH40-25,50	72-97/90-97 Prizm, Sidekick	ST46-25,50	67-98	SN418-25,50	86-94	SM420-25,50
1.7	01-05	X			84-86	SN418-25,50		
1.8	79-85 (6 Hole)	SH40-25,50	80-94 (6 Hole)	ST46-25,50	74-88 (6 Hole)	SN418-25,50	78/90-04	SM420-25,50
1.8	06 up (8 Hole)	X	93-97Prizm & Vibe 94-07(8 Hole)	ST46-25,50-B	00 up (8 Hole)	X		
1.9			66-70	ST46-25,50				
2.0	84 up	X	72-88 (6 Hole)	ST46-25,50	74-00	SN418-25,50	94 up	SM420-25,50
2.0			86-04 (8 Hole)	ST46-25,50-B				
2.2	92 up	X	76-86 (6 Hole)	ST46-25,50	76-82	SN418-25,50	82-92	SM420-25,50
2.2			90--00 (8 Hole)	ST46-25,50-B				
2.3	92-02	X	70-72	ST46-25,50			94-96	SM420-25,50
2.3							02-08	SF468-25,50-B
2.4	03 up	X	80-94 (6 Hole)	ST46-25,50	70-02 (6 Hole)	SN418-25,50		
2.4			92-06 (8 Hole)	ST46-25,50-B	94-00 (8 Hole)	X		
2.5					84-94 (6 Hole)	SN418-25,50	94-02	SM420-25,50
2.5			88-90		00-06 (8 Hole)	X		
2.6	94-02	X	72-80	ST46-25,50	74	SN418-25,50	88-92	SM420-25,50
2.7			94 up	ST46-25,50-B				
2.8			80-88	ST46-25,50	76-82	SN418-25,50		
3.0	03 up	X	84-92 (6 Hole)	ST46-25,50	84-96 (6 Hole)	SN418-25,50	88-90	SM420-25,50
3.0			88-00 (8 Hole)	ST46-25,50-B	92-00 (V-6)	X	94 up(2 Piece)	X
3.2	94-02	X						
3.3					96-04	SN418-25,50		
3.4			97-04	ST46-25,50-B				
3.5					02-06	X		
3.9			68-74 (LandCruiser)	X				
4.0			06 up	ST46-25,50-B	06 up	X	92-96	SF629-25,50
4.0							98 Up	SF340-25,50
4.2			76-86 (LandCruiser)	X				

LEGEND: X = No shim available -25 = 0.025 inch thick -50 = 0.050 inch thick -89 = 0.089 inch thick

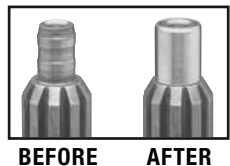
SELF-ALIGNING PILOT BALL BEARINGS

Avoids input shaft replacement. Installs in new location on the worn shaft. Eliminates future shaft wear. Offers the smoothest shift ever.



INPUT SHAFT REPAIR KITS

Avoids input shaft replacement. Installs over the worn Input shaft.



STANDARD SHIFT PILOT BEARINGS

ALSO: Mazda, Ranger, Explorer.
Engine Sizes: 1.9, 2.0, 2.3, 2.8, 2.9, 3.0 & 4.0



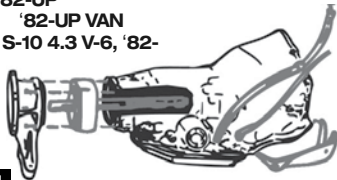


Transmission Conversion Switch Kits

4x4 700-R4 to 350 V-8 and V-6 4.3
NO SPEEDOMETER CHANGE NECESSARY
#7-35A '82-UP
#V7-35A '82-UP VAN
#7S-35C S-10 4.3 V-6, '82-UP

SELECTOR INDICATORS

P R N D 2 7
P R N D 2 1



4x2 700-R4 to 350 V-8 and V-6 4.3
NO SPEEDOMETER CHANGE NECESSARY
#V7-35B '82-UP VAN
#7-35B '82-UP
#7-35C '82-UP CORVETTE

SELECTOR INDICATORS

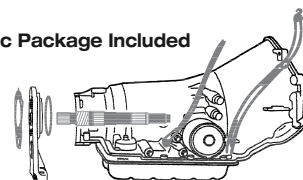
P R N D 2 7
P R N D 2 1



4x4 350 to 700-R4
203 Transfer case

#3-70A

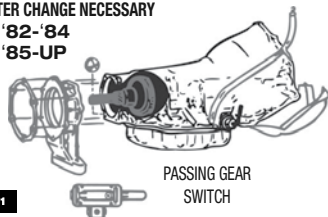
Electronic Package Included



4x4 700-R4 to 400 V-8
NO SPEEDOMETER CHANGE NECESSARY
#7-40A '82-'84
#7-40C '85-UP

SELECTOR INDICATORS

P R N D 2 7
P R N D 2 1



4x2 700-R4 to 400 V-8 and V-6 4.3
NO SPEEDOMETER CHANGE NECESSARY
#V7-40B '82-UP VAN
#7-40B '82-UP

SELECTOR INDICATORS

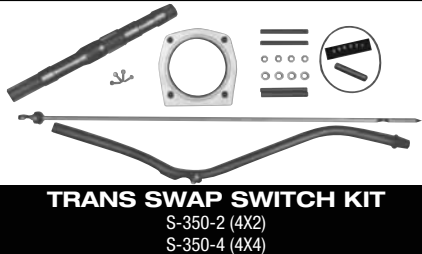
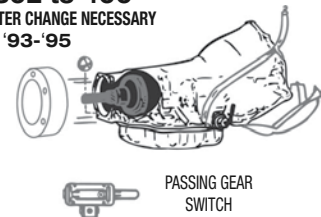
P R N D 2 7
P R N D 2 1



3-40C
4x4 Manual Transmission to 400
205 transfer case for '79-'90



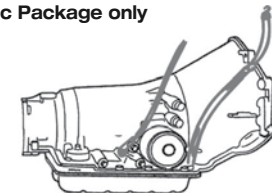
4x4 4L80E to 400
NO SPEEDOMETER CHANGE NECESSARY
#8-40A '93-'95



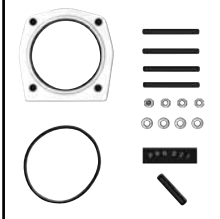
TRANS SWAP SWITCH KIT

S-350-2 (4X2)
S-350-4 (4X4)

4x2 350 to 700-R4 V-8 and V-6
Electronic Package only
#3-70B



3-40AB
4x4 350 & 400
V-8 & V-6, 203 transfer case adapter
(4-wheel drive).



QUICK SWAP SWITCH KIT

70-35A (4X4)
70-35B (4X2)

FOR KITS BELOW: Remove 700-R4, 200-4R, 200C and replace with easy to install 350 or 400.

4x4 700-R4 to 350 V-8 and V-6 4.3
Part #7-35A, '82-UP #V7-35A, '82-UP Van
Part #7S-35C, S-10 4.3 V-6, '82-UP

4x2 700-R4 to 350 V-8 and V-6 4.3
Part #V7-35B, '82-UP Van #7-35B, '82-UP
#7-35C, '82-UP Corvette

200C to 350 V-8
Part #2-35B, '82-'83 only

200-4R to 350 V-8
Part #2R-35A, '81-UP

4x4 700-R4 to 400 V-8
Part #7-40A, '82-'84 #7-40C, '85-UP

4x2 700-R4 to 400
Part #V7-40B, V-8 and V-6 4.3, '82-UP Van
Part #7-40B, '82-UP

4X4 700-R4 to 350
V-6 2.8 and only V-6

Part #7S-35A, '83-UP 4.3, Full size kit

4x4 Manual to 400
Part #3-40C, 205 transfer case for '79-'90.

4x2 700-R4 to 350 V-6 2.8 only
Part #7S-35B, '82-UP, V-6 4.3, Full size kit

4x2 200C to 350 V-6 2.8 only
Part #2S-35B, '82-'83

For Kits Below: Remove 350 & replace with easy to install 700-R4

4x4 350 to 700-R4 V-8 and V-6
Part #3-70A, 203 transfer case (Elec. Pack. Incl.)

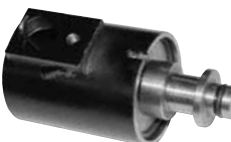
4x2 350 to 700-R4 V-8 and V-6
Part #3-70B Electronic package only



4x4 700 to Manual 205
Transfer Case Adapter Block
3-70CB



MECHANICAL MODULATOR T34160 The Teckpak Mechanical Modulator is designed to take the place of the vacuum and vacuum modulator on all 700-R4 to 400 6.2 diesel switch-overs.



MECHANICAL MODULATOR C6M The Teckpak Mechanical Modulator is a Ford version of our 40M. It fits your C-6 and FMX applications with low or no vacuum.

[illegible]

YOUR SKILLS, COMBINED WITH OUR TECHNOLOGIES, MAKE US AN UNBEATABLE TEAM



M465L

Still the
**ONLY PRODUCT USED,
APPROVED, ENDORSED,
and RECOMMENDED BY
MULTIPLE OEM'S.**

Improves temperature and
anti-wear properties in all ATF's,
including DEXRON® VI!

Superior LXE® Technology!



M465B

**THE #1 TOOL USED TO ADJUST
THE FRICTIONAL
CHARACTERISTICS OF AN ATF
TO OPERATE AT ITS OPTIMUM**

**We INVENTED
the category
of highly friction
modified fluids!**



M465LP

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THAT ALLOWS YOU THE
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GUARANTEE TO SERVICE
VIRTUALLY ANY
TRANSMISSION PROPERLY**



M465CVTB

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FOR PROPER
UNIVERSAL CVT
SERVICE**

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M465KD

**SAFE TO USE,
ABSOLUTELY NO
WATER IN OUR
FORMULA!!**

We are the REAL O.E.M. used
Cooler Line Flush Cleaner!



**M465LSA 16 oz
M465LS 7 oz**

**ANOTHER
INNOVATIVE FIRST.
SEATS THE MOST
DIFFICULT
SEALS QUICKLY
AND EASILY.**

Technicians are our #1
source of inspiration.



M465KT

**#1 PROVEN BEST
PROTECTION AGAINST
CORROSION, HEAT &
ELECTROLYSIS. WILL
NOT GEL LIKE OTHER
WATER WETTERS!**



M465PS

**Eliminates Stiffness
and Noise**

**CONVERTS STANDARD
POWER STEERING
FLUID INTO PREMIUM
FLUIDS (Like Honda)**



M465VS

**BEST FOR VALVE &
ASSEMBLY & OTHER
EQUIPMENT REBUILD
LUBRICATION. DEEPLY
PENETRATES, PROTECTS
AGAINST RUST.**

**100%
BIODEGRADABLE**

FREE TOOLS BELOW!



TS385-020
**2011 LUBEGARD ATF
Conversion & Refill Chart**
The right advice, so you
can make the right choice.



TS385-042
Cooler Return Line Chart
Quick and easy guide to
locating return lines



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the QR Code to the right
using your smart phone.



**LUBE
GARD®**



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DESCRIPTION	PART #	LUBEGARD #
Lubegard Red (10 oz).....	M465L	60902
Lubegard Red (32 oz).....	M465L-32	50902
Lubegard Red (5 gal).....	M465LG-5	50904
Lubegard Red Flush & Protect Pack (two 10 oz).....	M465LPK	98602
Lubegard Green, Mercon V (10 oz).....	M465LMV	62005
Lubegard Black (Honda, Toyota, Mopar etc) (10 oz).....	M465B	61910
Lubegard Black (Honda, Toyota, Mopar etc) (5 gal).....	M465B-5	61904
Lubegard Platinum (10 oz).....	M465LP	63010
Lubegard Platinum (32 oz).....	M465LP-32	63032
Lubegard Platinum (5 gal).....	M465LP-5	63015
Lubegard Platinum Flush & Protect Pack (two 10 oz).....	M465LPP	98010
Bio-Tap Drilling & Tapping Fluid (15 oz).....	M465BT	81915
BTR ATM Conversion Formula (10 oz).....	M465XB	62911
Cutting Oil, Heavy Duty (1 gal).....	M465XD	80901
CVT Fluid (Universal) (1 qt).....	M465CVTB	67032
Dr. Tranny Assemblee Goo (Blue Soft Tack) (16 oz).....	M465TB	19260
Dr. Tranny Assemblee Goo (Green Firm Tack) (16 oz).....	M465TG	19250
Dr. Tranny Instant Shudder Fixx (2 oz).....	M465HA	19610
Dr. Tranny Power Kleen (12 oz).....	M465PK	19101
Dr. Tranny Threadlocker / Red - Heavy Strength (.34 oz).....	M465XA	13250
Dr. Tranny Transmission Assembly Treatment (8 oz).....	M465TAT	19420
Engine Flush (15 oz).....	M465EF	95030
Engine Flush & Protect Pack (two 15 oz).....	M465EAP	98901
Engine Oil Protectant, Bio-Tech (Blue) (10 oz).....	M465E	30902
Engine Oil Protectant, Bio-Tech (Blue) (15 oz).....	M465EA	30901
Engine Oil, 2-Cycle (8 oz).....	M465LT	12901
Engine Oil, 2-Cycle (32 oz).....	M465LTA	12932
Free-Eze, Rusted Cylinder Treatment (15 oz).....	M465LF	30990
Gear Fluid Supplement (8 oz).....	M465G	30903
Kooler Kleen Trans Flush (13.25 oz).....	M465KD	19001
Kool-It Electrolysis Indicator.....	T-9406	96000
Kool-It Evaporator & Heater Foam Cleaner (6 oz).....	M465KE	96030
Kool-It Radiator Flush & Protect Pack (two 16 oz).....	M465KTP	98001
Kool-It Radiator Flush (16 oz).....	M465KRF	95020
Kool-It Supreme Coolant Treatment (16 oz).....	M465KT	96001
Limited Slip Supplement (Universal) (4 oz).....	M465D	31904
Lube'N Loosen Lubricant (4 oz).....	M465LL	61444
Lubricant, Premium Universal (8 oz).....	M465LA	61004
Lubricant, Premium Universal (16 oz).....	M465VS	61016
Lubricant, Premium Universal (1 gal).....	M465VSG	61128
Lubricant, Premium Universal (5 gal).....	M465VS-5	61105
Power Steering 2-Step System (4 oz & 64 oz).....	M465P-2	97209
Power Steering Fluid (10 oz).....	M465P	20910
Power Steering Fluid (32 oz).....	M465PA	20902
Power Steering Fluid Protectant (4 oz).....	M465PS	20404
Power Steering Flush & Protect Pack (two 4 oz).....	M465PSP	98404
Power Steering Flush & Fill (4 oz & 64 oz).....	M465PS2	97209
Pro II 9000 Air & Fuel System Tune Up (3 Can).....	M465FS	72011
Pro II 9000 Complete Fuel System Cleaner (2 Can Kit).....	M465FSA	72400
Pro II 9000 Step 2 Intake Valve & Combustion Chamber Cleaner.....	M465FSB	72222
Pro II 9000 Step 3 Fuel Injection Tank Treatment.....	M465FSC	72402
Seal-E-Zee Application Cone Starter Kit (6 Cones + Step 1 & 2).....	T-M465LS	19222
Seal-E-Zee Application Cones (6 Cones).....	T-9405	19600
Seal-E-Zee, Step 1 (7 oz).....	M465LS	19500
Seal-E-Zee, Step 1 (16 oz).....	M465LSA	19502
Seal-E-Zee, Step 1 & 2 Pack (two 7 oz).....	M465LSPK	19522
Seal-E-Zee, Step 2 Xtreme (7 oz).....	M465LSX	19501
Squeak Relief Brake Finishing Treatment (11.3 oz).....	M465LSR	90201
Transmission Flush (10 oz).....	M465LTF	95001

Technical Manuals

General Motors	Part No.
125, 125C Tech Manual.....	64400
125C Update Manual (87-01).....	64400H
200C Tech Manual.....	54400A
200-4R Tech Manual.....	54400B
325-4L Tech Manual.....	54400D
350, 350C Tech Manual.....	44400
400 Tech Manual.....	34400
4L30E Tech Manual.....	24400E
4L60, 700-R4 Rebuild Procedures.....	74400EB
4L60, 700-R4 Tech Manual (82-86).....	74400
4L60, 700-R4 Tech Manual (87-91).....	74400A
4L60, 700-R4 Tech Manual Update (87-88).....	74400H
4L60, 700-R4 Transmission Guide.....	74400EC
4L60E Code Manual.....	34400EC
4L60E Tech Manual.....	74400E
4L60E Update Manual.....	74400EA
4L60E, 4L65E Rebuild Procedures.....	74400EB
4L60E, 4L65E Transmission Guide.....	74400ED
4L80E Code Manual.....	34400EC
4L80E Rebuild Manual.....	34400A
4L80E Tech Manual.....	34400E
4L80E Transmission Guide.....	34400B
4T40E Tech Manual.....	14400A
4T40E Transmission Guide.....	14400B
4T60, 440-T4 Tech Manual.....	84400
4T60, 440-T4 Update Manual Vol 1.....	84400H1
4T60, 440-T4 Update Manual Vol 2.....	84400H2
4T60E Tech Manual.....	84400E
4T60E Tech Video & Manual.....	84407E
4T60E Transmission Guide.....	84400EB
4T65E Tech Manual.....	84400G
4T65E Transmission Guide.....	84400GA
4T65E Update Manual.....	84400J
4T80E Tech Manual.....	94400
4T80E Transmission Guide.....	94400A
5L40E, 5L50E Tech Manual.....	134400
5L40E, 5L50E Transmission Guide.....	134400A
6L45, 6L50 Tech Manual.....	104400
6L80 Tech Manual.....	104400A
6L80 Transmission Guide.....	104400B
6T40 GM Tech Manual.....	144400
6T70, 6T75 GM Tech Manual.....	124400
AW80/81-40LE (Aveo) Tech Manual.....	199400
Saturn TAAT Tech Manual.....	10400A
VT25-E Transmission Guide.....	33400J

Allison	Part No.
AT 540 Parts Catalog.....	111400P
AT 540 Service Manual.....	111400M
HD 4000 Trouble Shooting (92-05 TID2).....	131400T
HD 4000 Trouble Shooting (92-05 TID3).....	131400TA
HD 4000 Trouble Shooting (06-Up Gen4).....	131400TB
LT 1000 Parts Manual.....	121400P
LT 1000 Service Manual.....	121400M
LT 1000 Tech Manual.....	121400
LT 1000 Trouble Shooting (00-05 Exc Gen4).....	121400T
LT 1000 Trouble Shooting (06-Up Gen4).....	121400TA
MD 3000 Parts Manual.....	131400P
MD 3000 Service Manual.....	131400M
MD 3000 Trouble Shooting (92-05 TID2).....	131400T
MD 3000 Trouble Shooting (92-05 TID3).....	131400TA
MD 3000 Trouble Shooting (06-Up Gen4).....	131400TB
MT 600 Parts Catalog (643, 653).....	101400AP
MT 600 Parts Catalog (644, 654).....	101400BP
MT 600 Service Manual (643, 653).....	101400AM
MT 600 Service Manual (644, 654).....	101400BM

Ford	Part No.
4F20E Tech Manual.....	83400D
4F27E Diagnostic Procedures.....	48400B
4F27E Rebuild Procedures.....	48400A
4F27E Tech Manual.....	48400
4F27E Tech Manual (Spanish).....	48400S
4R100 Tech Manual.....	36400EA
4R100 Update Manual.....	36400EU
4R44E, 4R55E Tech Manual.....	56400R
5R110W Rebuild Procedures.....	16400A
5R110W Tech Manual.....	16400
5R55E Tech Manual.....	56400S
5R55N ID, Diagnosis & Testing Manual.....	46400B
5R55N Rebuild Manual.....	46400C
5R55N Tech Manual.....	46400
5R55W, 5R55S ID, Diagnosis & Testing.....	46400B
5R55W, 5R55S Rebuild Manual.....	46400C
5R55W, 5R55S Tech Manual.....	46400A
6F35 Tech Manual.....	144400A
6F50, 6F55 Tech Manual.....	124400A
6R140 Tech Manual.....	126400
6R60 Tech Manual.....	95400D
A4LD Tech Manual.....	56400E
A4LD Update Manual.....	56400H
AOD Tech Manual.....	76400
AODE, 4R70W Tech Manual.....	76400E
AODE, 4R70W Update Handbook.....	76400H
ATX Tech Manual.....	66400
AX4N, 4F50N Tech Manual.....	86400H
AXOD Tech Manual.....	86400
AXOD Update Handbook.....	86400EH
AXODE (AX4S) Book 1 (Ford).....	86400EB
AXODE (AX4S) Rebuild Procedures.....	86400EA
AXODE (AX4S) Tech Manual.....	86400E
AXODE (AX4S) Update Handbook.....	86400EH
C-4, C-5 Tech Manual.....	26400
C-6 Tech Manual.....	36400
CD4E (Are They Really That Tough).....	96400B
CD4E Rebuild Procedures.....	96400A
CD4E Tech Manual.....	96400
E4OD (Are They Really That Tough) (Book 1).....	36400EB
E4OD (Are They Really That Tough) (Book 2).....	36400EC
E4OD Handbook.....	36400EH
E4OD Tech Manual.....	36400E
TF-80SC, TF-81SC, AF21, AF40 Manual.....	39400
ZF6HP26 Tech Manual.....	95400

Chrysler	Part No.
45RFE Rebuild Procedures.....	72400B
45RFE Tech Manual.....	72400A
46RE, 47RE, 48RE Tech Manual.....	22400E
62TE Tech Manual.....	132400
A500 (42RH) Tech Manual.....	12400E
A500SE (42RE) Tech Manual.....	12400EA
A518, A618 Tech Manual.....	12400E
A604 Diagnostic Codes.....	92400CB
A604 Diagnostic Codes Spanish.....	92400CBS
A604 Handbook (89-91 Updates).....	92400H
A604 Tech Manual.....	92400
A606 Diagnostic Codes.....	92400CB
A606 Diagnostic Codes Spanish.....	92400CBS
A606 Rebuild Procedures.....	92400B
A606 Tech Manual.....	62400
A670 Tech Manual.....	32400C
A727 Tech Manual.....	12400
A904 Tech Manual.....	12400
AS68RC Manual Diagnostic Guide.....	99400T

AW, BW	Part No.
AW 30-80LE (Isuzu) Tech Manual.....	97400
AW 50-40LE Tech Guide.....	89400A
AW 55-50SN Diagnostic Guide.....	89400CT
AW 80/81-40LE (Aveo) Tech Manual.....	199400
BW T-65, T-66 CD Rom Only.....	29400
Honda	Part No.
2 Speed CD Rom Only.....	220400
3 Speed CD Rom Only.....	250400
4 Speed Tech Manual (AK, AS).....	60400A
4 Speed Tech Manual (F4).....	60400C
4 Speed Tech Manual (CA).....	60400D
4 Speed Tech Manual (K4) (CD Only).....	60400E
4 Speed Tech Manual (G4).....	60400H
4 Speed Tech Manual (L5, PL5X).....	60400HA
4 Speed Tech Manual (BAXA, MAXA, M6HA).....	80400C
4 Speed Tech Manual (Vigor, M1WA 2.5TL).....	70400C
4 Speed Tech Manual (MPYA) (CD Only).....	70400B
4 Speed CD (PX4B, APX4, MPWA Accord).....	80400
4 Speed CD (MP1A Prelude).....	80400
4 Speed Tech Manual (RO, MPRA).....	70400A
4 Speed CD (S5, MPSA, P24, A2Y2).....	90400A
Mazda	Part No.
F3A CD Rom Only.....	18400
F4A-EL Rebuild Procedures.....	28400C
F4A-EL Tech Manual.....	38400
FN4A-EL, 4F27E Diagnostic Procedures.....	48400B
FN4A-EL, 4F27E Rebuild Procedures.....	48400A
FN4A-EL, 4F27E Tech Manual.....	48400
FN4A-EL, 4F27E Tech Manual (Spanish).....	48400S
G4A-EL Rebuild Procedures.....	28400C
G4A-EL Tech Manual (Electronic).....	28400
G4A-HL Tech Manual (Hydraulic).....	28400A
GF4A-EL Tech Manual (Electronic).....	28400B
JF506E Rebuild Procedures.....	98400A
JF506E Tech Manual.....	98400
JF506E Update Manual.....	98400C
Mercedes	Part No.
722.3, 722.4 Tech Manual.....	68400A
722.5 Tech Manual.....	68400C
722.6 Tech Manual & Video (Updates & Diag).....	78400
722.6 Rebuild Procedures.....	78400A
Mitsubishi	Part No.
A4CF2 Diagnostic Guide (Kia, Hyundai).....	82400DT
AS68RC Manual Diagnostic Guide.....	99400T
F4A33 Tech Manual.....	42400M
F4A41, F4A42, F4A51 Tech Manual.....	82400
KM171, 172 Tech Manual.....	42400B
KM175 Tech Manual.....	42400C
KM177 Tech Manual.....	42400P
R/V4A51, R/V5A51 Tech Manual.....	142400
W4A33-1 Tech Manual.....	42400M
Nissan	Part No.
4F20E Tech Manual.....	83400D
L4N71B CD Rom Only.....	53400B
N4A-EL Tech Manual.....	53400C
RE4F02A (Electronic) Tech Manual.....	93400B
RE4F03A Tech Manual.....	83400A
RE4F04A Tech Manual.....	83400B
RE4R01A Tech Manual.....	73400
RE5R05A Diagnostic Guide.....	63400T
RE5R05A Tech Manual.....	63400
RG4R01A, JR403E Tech Manual.....	73400G
RL3F01A CD Rom Only.....	43400
RL4F02A (Hydraulic) Tech Manual.....	93400A
RL4R01A Tech Manual.....	73400A

Subaru	Part No.
3 Speed, M41, M41A Tech Manual.....	23400
4 Speed, R4AX-EL (87-98) Tech Manual.....	23400
4 Speed, 4EAT (99-Up) Tech Manual.....	23400ET
Toyota	Part No.
A40 Series Tech Manual.....	57400A
A140 Tech Manual.....	67400C
A340 Tech Manual (Incl Jeep AW-4).....	97400A
A440 CD Rom Only.....	137400
A540 Tech Manual.....	87400
AW30-80LE (Isuzu) Tech Manual.....	97400
AW80/81-40LE (Aveo) Tech Manual.....	199400
MX17 Tech Manual.....	67400A
R150F Transfer Case Tech Manual.....	197400
U140, U240 Diagnostic Guide.....	27400T
U140, U240 Tech Manual.....	27400C
U150, U250 Diagnostic Guide.....	27400BT
U440E, U441E (Yaris, Echo) Manual.....	199400A
VW	Part No.
01J (CVT) Diagnostic Guide.....	33400BT
02E (DCT) Diagnostic Guide.....	25400T
09G, TF60SN Diagnostic Guide.....	15400T
09G, TF60SN Technical Manual.....	15400
09M Diagnostic Guide.....	15400T
AG4 Diagnostic Guide (01M Passat).....	75400D
AG4 Technical Manual (Exc. 01M Passat).....	75400A
VW 010 CD Rom Only.....	65400
ZF	Part No.
ZF4HP18FL Tech Manual (Eagle).....	79400E
ZF4HP18Q Supplement (Saab).....	79400SC
ZF4HP18Q Tech Manual (Saab).....	79400S
ZF5HP18 Repair Manual.....	179400A
ZF5HP18 Tech Manual.....	179400AF
ZF5HP19 Functional Description.....	129400AF
ZF5HP19 Functional Description (FL / FLA).....	129400BF
ZF5HP19 Repair Manual.....	129400A
ZF5HP19 Repair Manual (FL / FLA).....	129400B
ZF5HP24 Functional Description.....	139400AF
ZF5HP24 Repair Manual (Exc Rwd).....	139400B
ZF5HP24 Repair Manual (Rwd).....	139400A
ZF5HP30 Functional Description.....	159400AF
ZF5HP30 Repair Manual.....	159400A
ZF5HP30 Valve Body Repair.....	159400V
ZF6HP26 Tech Manual.....	95400
Miscellaneous	Part No.
ATSG Seminar Books (2009).....	ATSG-2009
ATSG Seminar Books (2010).....	ATSG-2010
ATSG Seminar Books (2011).....	ATSG-2011
Check Ball Locations, Domestic.....	CBDOM
Check Ball Locations, Import (CD Rom Only)....	CBIMP
Check Ball Locations, Import (Volume 2).....	CBIMP-2
Check Ball Locations, Import (Volume 3).....	CBIMP-3
Finding & Fixing Complaints (CD Rom Only)....	M402-CD
Passbook w/ Application Charts.....	PASSBOOK
Passbook, Domestic Computer Controls.....	PBDOM
Passbook, Import Computer Controls (Vol 2)....	PBIMP-2
Passbook, Import Computer Controls (CD).....	PBIMP
Sprag Rotation Domestic & Import.....	CBSPRAG

Service Items

COOLER LINE COMPONENTS



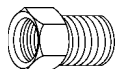
Compression Fittings

M462F (5/16")
M462FA (3/8")
M462FB (1/2 Line)

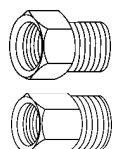


Inverted Flare Nut

M462JB (5/16" Line)
M462JC (3/8" Line)



Flared Line Case Fittings



M462C (5/16" Line x 1/4" Pipe)
M462GB (5/16" Line x 1/8" Pipe)
M462DC (3/8" Line x 1/4" Pipe)
M462DD (3/8" Line x 3/8" Pipe)



Compression Fitting

M462FF (5/16" Line x 1/4" Pipe)

Steel Lines w/Flare Fitting



M461AB (5/16" x 30")
M461A (5/16" x 60")
M461AA (5/16" x 72")
M461BC (3/8" x 30")
M461B (3/8" x 60")
M461BA (3/8" x 72")



Copper Tubing

M461AC-25 (5/16" - 25 FT)
M461BC-25 (3/8" - 25 FT)
M461AC-50 (5/16" - 50 FT)

Compression Fitting w/Anti Drainback



A36761C (5/16")
A36761D (3/8")

To Eliminate Torque Converter
Drainback Thru Cooler Lines.
Use On Any 5/16" (96-200C) or
3/8" (96-200D) Cooler Lines.

Transmission Cooler Line Fitting Kit



OC-K252

Contains:
1/4" Male Pipe x 3/8" Hose Barb
1/4" Female Pipe x 3/8" Hose Barb
3/8" Male Pipe x 3/8" Hose Barb
12" Teflon Pipe Thread
Ford - Mercury - Lincoln
Instructions Included

Transmission Cooler Line Fitting Kit



OC-390

Contains:
5/8" -18 Inverted Male Fitting
5/8" -18 Inverted Female Fitting
91-Up GM FWD, 87 & Earlier Jeeps
w/5/8" Inverted Male Flare Fittings
Instructions Included

COOLER LINE COMPONENTS (Cont.)

Transmission Cooler Line Fitting Kit



OC-391

Contains:
5/8" -18 SAE Male Fitting
5/8" -18 SAE Female Fitting
88-Up Jeeps w/ 5/8"-45° Female Flare
SAE Fitting
Instructions Included

Transmission Cooler Line Fitting Kit



OC-392

Contains:
(2) 3/8" Hose Menders
(2) 3/8" Hose Clamps
87-Up Jeeps Using Rubber Hose,
w/Quick Disconnect At Radiator.
Instructions Included



Compression Fittings w/ Hose Barb

M462FE (3/8" Line)
M462FD (5/16" Line)

Cooler Flushing Fitting



M465FA

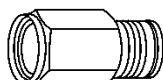
Quick, easy hook-up. Can be used
with large flusher or aerosol cans
with adapter. Fits most sizes of
cooler line Banjo fittings.

ALLISON

121996 LT1000 00-Up Fitting Case (Push-in)

GENERAL MOTORS

Case Fitting w/Ball



84996 4T60 83-Up(24207294)
84996AA 4T60E 91-98 (24202550)
74996A 4T60E/65E (push-in)
8-Up (24213958)

Push-In Case Fitting w/o Ball



74996B

(5/16" Line x 1/4" Pipe)

4L60E, 93-Up
4L80E, 97-Up (front)
4T60E/65E, 98-Up

Rear Case Fitting



34996EA

Push In (5/16" Line x 1/4" Pipe)
4L80E, 97-Up

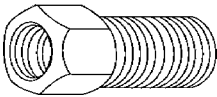
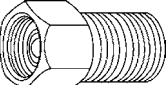
34996K

Adapter Cooler Line
Late Case to Early Model



FORD

90° Elbow
M462GC (5/16" Line, 1/8" Pipe)

COOLER LINE COMPONENTS (Cont.)		MISCELLANEOUS	
FORD (Cont.) Cooler Line Fittings		 M462PA Converter Plug (1/8") Allen Head	Service Items
 T76996 Push In (5/16" Line x 1/4" Pipe)		 M463TA (1/4") M463TB (3/16") Plastic Vacuum Tees	
 T86996 Push In (5/16" Line x 1/4" Pipe) Clip Design F5DZ-7D273AA		 M463EB (1/4" Shaft) M463EA (3/16" Shaft) E Clips	
 T56996 Push In (5/16" Line x 3/8" Pipe) F7ZZ-7D273A		 M463GB GM Linkage Grommet (White)	
 Flared Line Case Fitting w/Anti Drain Back Ball 36996A (5/16" Line x 3/8" Pipe) 36999C (3/8" Line x 3/8" Pipe) To Eliminate Torque Converter Drainback Thru Cooler Lines. Use On Any 5/16" (96-396) or 3/8" (96-396A) Cooler Lines.		 M463GA Chrysler Linkage Grommet	
 Case Fitting 86996H Push In (3/8" Line x 1/4" Pipe) Clip Design		 M463GE Upper & Lower Rod Grommet TF6 & TF8	
 CHRYSLER Male Connector M462AB (5/16" Line x 1/8" Pipe) M462AC (3/8" Line X 1/4" Pipe)		 M463GF Grommet - All Large Ford C4 & C6	
 Flared Line Nut M462NB (5/16" x 5/16") M462NC (3/8" X 3/8")		 M463GG Plastic Bushing All Small Ford	
 Case Cooler Fittings T22996A Push In (3/8" Line x 1/4" Pipe) T22996B Push In (1/2" Line x 1/4" Pipe)		 M463CL (1-13/16" - GM) M463CK (1-1/16" Chrysler) M463CJ (3/4" - Chrysler) Hitch Pins	
 22996C Flared (1/2" Line x 1/4" Pipe)		 M462PB (1/8" Hex Brass) M462P (1/8" Hex) M462PC (7/16" Hex C-4, C-5) Converter Plugs	
		 M460HC (5/16" x 1/2") M460HCA (7/32" x 7/8") ID Range Clamps	
		 M462JD (3/16" x 1/8") Modulator Hose Barb	
		ORMK O'Ring Kit Masker Kit Valve Body Components	
		SSPP Small Parts Start Up Kit Valve Body Components	

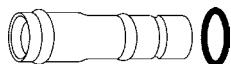
Service Items

MISCELLANEOUS (Cont.)



M460BA (5/16" ID - 25')
M460DA (3/8" ID - 25')
M460C (11/32" ID - 5')
M460CA (11/32" ID - 25")
M460CB (11/32" ID - 50')
M460EA (1/2" ID - 25')

Hydraulic Line Hose



44494D
Quick Fix Filler Tube



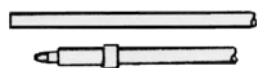
T44494R
Dip Stick Repair Tube - Boot Type



44490
Case Vent Tube
 TH350



D34490
Case Vent Tube
 TH400, TH700-R4



26164K
Select A Pin Package
 (Contains 10 Pins And 1 Gauge)



M474GC (3/8" - 24T - Fine - Self Locking - C4)
M474FA (3/8" - 24T - Fine - w/Flange - C4)
M474GB (3/8" - 16T - Coarse - Self Locking - GM)
M474FB (10mm x 1mm - Metric)

Converter Nuts

M464CB (5/16" x 7/16" - 24T - Fine - TF6 & TF8 TC Converter)
M464GF (3/8" x 9/16" - 24T - Fine - Standard Bolt)
M464GD (3/8" x 1/2" - 16T - Coarse - GM Converter)
M464GL Bolt - Pan Metric 700R4(Bag100)
M464MA Bolt - Converter 10mm x 1.5 Mitsubishi
M464MB Bolt - Converter 10mm x 1.25 Mitsubishi
M464GE (10 x 14.295 - 1.5T - Coarse - Metric - GM Converter)
M464GK (01-Up - Double Hex - GM Converter - 11589040)
M464GM (96-Up - Torx - GM Bellhousing to Case - 24203265)
M464CA (A604 Chrysler Converter Bolt - 4 Required)



M471Y (Yellow Bottle Marker)
M471YS (Yellow Stick Marker)
M471W (White Bottle Marker)
M471YWS (White Stick Marker)

(Sold Individually)

MISCELLANEOUS (Cont.)



Case of 12
M473MG-12
M473BF-12
M473CA-12
M473G-12
M473B-12
M473CB-12
Transmission & Engine Enamel

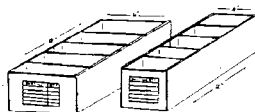
Color
 Machine Gray
 Chevy Blue
 Aluminum
 Gold
 Black
 Cast Black



5000 Hour
 Brass Base
 130 Volt

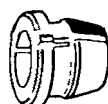
M472-50 (50 Watt - Frost - Reg. Rough Service)
M472-50C (50 Watt - Tuffskin Coated - Shatterproof)
M472-75 (75 Watt - Frost - Regular Rough Service)
M472-100 (100 Watt - Frost - Reg. Rough Service)
M472-75S (75 Watt - Tuffskin Coated - Shatterproof)
M472-100C (100 Watt - Tuffskin Coated - Shatterproof)

Rough Service Bulbs - Special Filament
 (Regular - Sold 12 Per Case ONLY)
 (Tuffskin Coated - Sold 6 Per Case ONLY)
 AMERICAN MADE



BOX-601 (4" x 4" x 12")
BOX-602 (4" x 6" x 12")

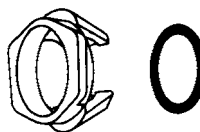
Bin Boxes
 (4 Dividers Included)



M463GN (Narrow Groove)
M463GP (Wide Groove)
TV & Passing Gear Rod Grommet
 FIOD & ATX



M463GM
Shift Linkage Bushing
 TH325/325-4L



76496K
Ford Cooler Line O-Ring & Clip Kit
 (Kit Also Contained In T76496AK)
 (Sold 10 Per Package)
 Contains Line Retaining Clip & O-Ring



M470CA(5/8")
M470CB(7/8")
M470CC(1-1/8")
M470CD(1-3/8")

Valve Body Cleaning Brushes
 (Sold Separately and as a Kit, Part No. **M470C**)



A44839 (Square Magnet)
A44839B (Round Magnet)
 (Sold Individually and as a kit of 5 Square pieces, **A44839K**)

MISCELLANEOUS (Cont.)

Thread Insert Repair Kits

Kit Part #	Size	Insert Part #	Std. Pkg.*
COARSE THREAD			
M99125K	1/4" x 20	M99125I	25
M99126K	5/16" x 18	M99126I	25
M99127K	3/8" x 16	M99127I	25
M99128K	7/16" x 14	M99128I	25
METRIC			
M99135K	6mm x 1.00mm Pitch	M99135I	25
M99136K	8mm x 1.25mm Pitch	M99136I	25
M99137K	10mm x 1.50mm Pitch	M99137I	25

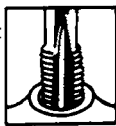
Kits Are Packaged In A Top Quality Steel Tool Box And Contain:

- ☐ A High Quality, Easy-To-Use Hand Tap
- ☐ An Insertion Tool
- ☐ 10 Inserts*
- ☐ Complete Instructions

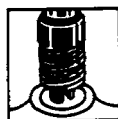
(* All Inserts Are Available In Minimum Packages Of 25 Each.)



1) Drill To Clear Out The Damaged Thread



2) Thread Insert Tap



3) Install Insert



4) Remove Insertion Tang



M463GK Black
M463GL Green
GM Grommet - Oval



M463N
Plastic Cable Ties
(Minimum Package of 25)



CRA-Z
CRA-Z Soap
(1 Carton of 12, 10.7 oz. Bars)

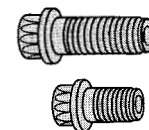
CRA-ZD
CRA-Z Soap Dispenser



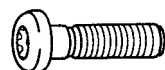
MISCELLANEOUS (Cont.)



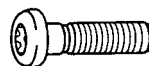
MBK-249
Mitsubishi Filter Bolts
(4 Per Package)
Use w/ 42010E- 87-Up - KM171 Series



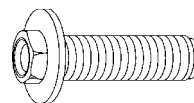
A34783A (GM 4L80E)
D34783 (GM TH400)
Center Support Bolts
(Sold 1 Per Package)



D34784 (GM 4L80E)
4th Housing Bolt
(Sold 1 Per Package)

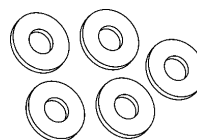


A74778
Stator Cover Bolt
700-R4

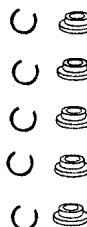


A36783
Center Support Bolt - Long
E4OD

A36783A
Intermediate & Overdrive
Housing Bolt - Short
E4OD

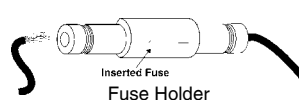


TC-36605-01
Shift Shaft Spacers
WG1356
(Available in Packages of 5 Only)

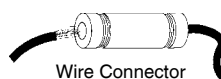


VB-101
Valve Body Plate Ball Seat
Repair Package

1/4" Ball Package Includes 5 Seats & Clips. Fits And Repairs 75% Of All Valve Bodies.
GM - Ford - Chrysler - Imports
Instructions Included



M463PF
Posi-Lock Fuse Holder
(For 12 to 18 Gauge)



M463PA
Posi-Lock Wire Connector

M463PK
Posi-Lock Survivor Kit
(Posi-Lock Assortment Box)

Service Items

MISCELLANEOUS (Cont.)



M464CA

Torque Converter Bolts
A604 Chrysler - 90-Up



M463SA(Approx. 15" Long)
M463SB(Approx. 42" Long)

Ground Straps



T-3020

Drain Plug Kit



D46494

D46494B

Drain Plug

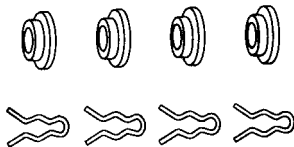
5R55N

00-Up

Drain Plug

5R55W

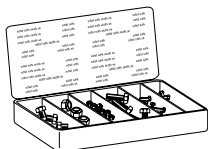
02-Up



M463GQ

**TV Passing Gear Rod
Grommet/Clip Package**
(4 Pieces Each Grommet & Clip)

AOD/ATX



M464K-120

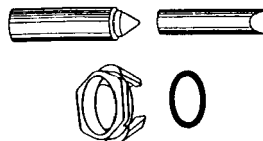
Converter Nut & Bolt Assortment

120 Pieces - 6 Different Numbers
(Also Available Separately)



TT-MH

Pan Handler (Magnetic Tool)
Saves Time, Eliminates Use Of Rags
Or Gloves, Collects Pan Metal
Shavings. Many Other Uses.
No More Burnt Fingers or Hands!



T76496AK

**Ford Cooler Line
O-Ring Installation Tool Kit**
(Includes 2 O-Rings &
Retaining Clips [96-213K])
Complete Instructions Included



M7005M (Medium)

M7005L (Large)

M7005XL (X-large)

Disposable Nitril Gloves

MISCELLANEOUS (Cont.)



A44761A

GM 4 Piece Case Saver



A44761B

GM 4 Piece Case Saver



A74761D

350, 700-R4 Case Fix



M460AA

Vacuum Hose
(7/32", 50')



M462SCA

Smart Connect Fitting
(3/8")



M463F

Speedo Clip (Long Thin)



M463FA

Speedo Clip (Medium)



M463FB

Speedo Clip (Wide)



M463PD

Posi Lock Connector
08-10 Guage



M463PA

Posi Lock Connector
12-18 Guage



M463PB

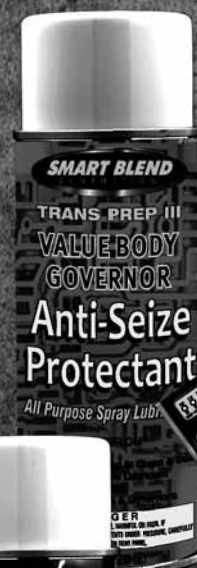
Posi Lock Connector
18-24 Guage

SERVICE ITEMS



From Flushes & Cleaners
to Protectants & Supplements
We have the...

Transmission Service Solutions



SMART BLEND
SYNTHETICS

www.smartblend.com

"Chemically Superior Technology"

Smart Blend Miscellaneous Fluids

LIFE AUTOMOTIVE DESCRIPTION	PART #
Smart Blend Red (10 oz).....	M465SB
Smart Blend Black (10 oz).....	M465SBA
Smart Blend Blue (Mercon V) (10 oz).....	M465SBV
Smart Blend Titanium Silver (10 oz).....	M465SBT
Smart Blend SUV (10 oz).....	M465SBS
Smart Blend Synthetic Dextron V1 Supplement (10 oz).....	M465SBS
Shudder Eliminator (2 oz).....	M465SBE
Synthetic Grease (Lube).....	M465AA
Synthetic Transmission Flush (10 oz).....	M465SBF
Transmission Cooler Flush (14 oz).....	M465F14
Transmission Cooler Flush (18 oz).....	M465F18
Transmission Cooler Flush Adapter for M465F18 (3/8").....	M465FB
Transmission Cooler Flush Adapter for M465F18 (Import, Banjo Type).....	M465FA
Transmission Cooler Flush Adapter Kit.....	M465FK
Transmission Fluid (CVT) (1 qt).....	M465CVT
Transmission Prep 3 (Spray).....	M465JB
Transmission Prep Assembly (Blue) (16 oz Tub).....	M465TP
Transmission Temperature Strips (pkg of 10).....	M468
Tru-Volt Electronic Cleaner (10 oz).....	M465J

MISCELLANEOUS ITEMS	PART #
Brake Cleaner & Degreaser (12 oz).....	M465BKN
Brake Cleaner & Degreaser (12 oz) (California Compliant).....	M465BKSC
Muscle Metal Treatment (8 oz).....	M465MT8
O-Ring & General Purpose Lube (Sonnax).....	M465SLS
Silicone, Black (11 oz Tube).....	M469BLA
Silicone, Black (8 oz Aerosol Can).....	M469BB
Silicone, Blue (3 oz Tube).....	M469
Silicone, Red (3 oz Tube).....	M469A
Silicone, Red (Aerosol Can).....	M469AB
Star Lube, Transmission Assembly Spray (16 oz).....	M465MLS
Transjel Assembly Lube (Gold) (1 lb Tub).....	M465TJG
Transjel Assembly Lube (Red) (1 lb Tub).....	M465TJ

TRANSMISSION FLUID (Exc ZF)	PART #
Dextron III H / Mercon (Quart).....	M465YD
Dextron III H / Mercon (Gallon).....	M465YD-GAL
Dextron III H / Mercon (30 Gal Drum).....	M465YD-30
Dextron III H / Mercon (55 Gal Drum).....	M465YD-55
Mercon VI (Quart).....	M465YD-VI
CVT Fluid (Quart).....	M465CVT

TRANSMISSION FLUID (ZF)	PART #
ZF (Mini Cooper) (5 Liter).....	M465ZFCVT
ZF5HP18 w/ Black Tag (Dextron).....	M465YD
ZF5HP18 w/ Green Tag (1 Liter) (Do not mix ZF5 & ZFB).....	M465ZF5-1
ZF5HP18 w/ Green Tag (20 Liter) (Do not mix ZF5 & ZFB).....	M465ZF5
ZF5HP19 w/ Green Tag (1 Liter) (Do not mix ZF5 & ZFB).....	M465ZF5-1
ZF5HP19 w/ Green Tag (20 Liter) (Do not mix ZF5 & ZFB).....	M465ZF5
ZF5HP24 w/ Green Tag (1 Liter) (Do not mix ZF5 & ZFB).....	M465ZF5-1
ZF5HP24 w/ Green Tag (20 Liter) (Do not mix ZF5 & ZFB).....	M465ZF5
ZF5HP30 w/ Black Tag (20 Liter) (Do not mix ZF5 & ZFB).....	M465ZFB
ZF6HP19 (1 Liter).....	M465ZF6-1
ZF6HP19 (20 Liter).....	M465ZF6

Miscellaneous Items

CLEANERS	PART #
Cleaning Compound, Cold Terg (50 lb).....	M470CT
Floor Cleaner (HD) (45 lb).....	M470
Floor Dry (25 lb Bag).....	M466-25
Transmission Cleaning Solution (Aqueous Pro).....	M470AQ
Transbrite 7000 (Soap) (50 lb).....	M470TB
Transbrite 9000 Liquid (55 Gal).....	M470TB-55L
Transbrite Dirt Buster Kit 2.....	M470TB-DBK
Transbrite Ultrasonic Liquid.....	M470TB-55P
Transmission Cleaner (HD) (45 lb).....	M470-45
Transmission Cleaning Compound (40 lb).....	M470-50

COOLERS (HAYDEN)	PART #
12,000 gvw (12 1/2 x 5 x 3/4)	OC-1401
16,000 gvw (15 1/2 x 5 x 3/4).....	OC-1402
18,000 gvw (12 1/2 x 7 1/2 x 3/4).....	OC-1403
22,000 gvw (15 1/2 x 7 1/2 x 3/4).....	OC-1404
26,000 gvw (15 1/2 x 10 x 3/4).....	OC-1405
18,000 gvw (Transaver Plus) (11 x 4 x 3/4).....	OC-1676
20,000 gvw (Transaver Plus) (11 x 5 1/2 x 3/4).....	OC-1677
24,000 gvw (Transaver Plus) (11 x 7 3/4 x 3/4).....	OC-1678
30,000 gvw (Transaver Plus) (11 x 9 7/8 x 3/4).....	OC-1679
Allison AT540 HD (12 x 24 x 1 1/2).....	OC-1260

COOLERS (TRU-COOL HIGH EFFICIENCY)	PART #
20,000 gvw (w/ 5/16" Inverted Flare)	OC-4707
20,000 gvw (w/ 3/8" Inverted Flare)	OC-4711
40,000 gvw (w/ 3/8" Inverted Flare) (Thermal By-Pass).....	OC-4739
40,000 gvw (w/ 3/8" Inverted Flare) (No Thermal By-Pass).....	OC-4739-1
HD V8 Vehicles, HP Applications (20,500 BTU).....	OC-M7B
HD Recreational / Industrial Vehicles (29,200 BTU).....	OC-H7B

COOLERS (TRU-COOL LOW PRESSURE)	PART #
11,500 gvw (4 x 11 x 3/4) (11/32" Hose Barb).....	OC-4451
14,500 gvw (5 3/4 x 11 x 3/4) (11/32" Hose Barb).....	OC-4452
18,000 gvw (7 1/4 x 11 x 3/4) (11/32" Hose Barb).....	OC-4454
22,000 gvw (12 x 11 x 3/4) (11/32" Hose Barb).....	OC-4490
19,000 gvw (5 3/4 x 11 x 1 1/2) (11/32" Hose Barb).....	OC-4588
24,000 gvw (8 x 11 x 1 1/2) (11/32" Hose Barb).....	OC-4589
28,000 gvw (11 x 11 x 1 1/2) (11/32" Hose Barb).....	OC-4590

COOLER LINES	PART #
Copper Tubing, 5/16" (25' Roll).....	M461C
Copper Tubing, 5/16" (50' Roll).....	M461
Steel Cooler Line, 5/16" (60").....	M461A
Steel Cooler Line, 3/8" (60").....	M461B

COOLER HOSES	PART #
Cooler Line Hose, 5/16" (25' Roll).....	M460BA
Cooler Line Hose, 11/32" (25' Roll).....	M460CA
Cooler Line Hose, 3/8" (25' Roll).....	M460DA
Cooler Line Hose, 1/2" (10' Section).....	M460E
Cooler Line Hose, 1/2" (25' Roll).....	M460EA
Hose Clamp, 5/16" to 1/2".....	M460HC
Hose Clamp, 7/32" to 7/8".....	M460HCA

Miscellaneous Items

COOLER ITEMS, MISCELLANEOUS	PART #
Cooler Mount Kit (Plastic Straps) (Hayden).....	OC-K210
Cooler Mount Kit (Plastic Straps) (Tru-Cool).....	OC-1201
Cooler Mount Kit (Metal Straps) (Tru-Cool).....	OC-1101
Fitting Kit, GM (91-Up w/ Longer Cooler Lines).....	OC-390
Fitting Kit, Jeep w/ 5 to 8 Lines (45 Degree Angle).....	OC-391
Fitting Kit, Jeep, Dodge (3/8" Splicers).....	OC-392
Fitting, 350, 350C.....	M462C
Fitting, 4L60E 82-95 (5/16").....	74996
Fitting, 4L60E 96-Up (5/16").....	74996B
Fitting, 4L80E Quick Connect (Cooler Line to Case).....	34996EA
Case Fitting, Chrysler (5/16" Tubing).....	A12996
Cooler Line Compression on to 3/8" Hose Barb.....	M462FE
Cooler Line Compression on to 5/16" Hose Barb.....	M462FD
Retaining Clip 4L60E, 4L80E (3/8" Push In).....	74996A
Temperature Gauge, Transmission.....	T-8010

DETENT CABLES	PART #
Universal (350, 350C).....	44450U
Universal (125, 200-4R, 700-R4).....	54450U
Universal (38" GM).....	T54450D
Metal Slider (34.5" Conduit, 40.5" Wire).....	T44450
Plastic Tear Drop (36.75" Conduit, 43" Wire).....	T44450A
Plastic Tear Drop (45.2" Conduit, 52.4" Wire).....	T54450A
Plastic Tear Drop (26" Conduit, 31" Wire).....	T54450B
Plastic Tear Drop (39.5" Conduit, 45" Wire).....	T54450C
Plastic Tear Drop (39.5" Conduit, 45" Wire).....	T64450A

DETENT CABLES ITEMS	PART #
Cable Repair End (AW, BW, Toy., Volvo, Jag, ZF).....	T57451
Plastic Tear Drop Replacement Clip.....	44451B
TV Cable Conversion (700 to 350).....	74451
TV Cable Extender (Edlebrock) (Sonnax).....	S74451G
TV Cable Extender (Holley) (Sonnax).....	S74451H
TV Cable Kit Spring Return Kit (Sonnax).....	S74451E
TV Cable Repair Kit (Large OD).....	T74451C
TV Cable Repair Kit (Small OD).....	T44451DC

ENGINE HANGER	PART #
Engine Hanger (Universal).....	PT-200-D
Adapter Bar (3.8L Wndstar).....	PT-175
Adapter Arm (Cadillac).....	PT-900
Adapter Set (APV, Lumina Van).....	PT-950
Ford Engine Hanger Bracket.....	PT-99WIN
Work Bench, 6' Free Standing (w/ Drain).....	T-0177-I

INLINE FILTERS & KITS	PART #
5/16" Inline Filter (SPX).....	M010SA
5/16" Inline Filter Kit (SPX).....	M010SAK
5/16" Inline Filter (Allomatic).....	M010CA
5/16" Inline Filter Kit (Allomatic).....	M010CAK
3/8" Inline Filter (Allomatic).....	M010CB
3/8" Inline Filter Kit (Allomatic).....	M010CBK
3/8" Inline Filter (SPX).....	M010SB
3/8" Inline Filter Kit (SPX).....	M010SBK
1/2" Inline Filter Kit (SPX).....	M010SCK
1/2" Inline Filter (Allomatic).....	M010CC

Miscellaneous Items

LOCTITE - SEALANTS	PART #
High Performance RTV Black (9 oz Can).....	M469BB
High Temperture RTV Red (80 ml Tube).....	M469R
Case to Case Gasket Maker 518 (use w/o Gasket) (50 ml Tube).....	M469-518
High-Tac Gasket Coating (use w/ Gasket) (16 oz Can).....	M469LGS

LOCTITE - THREAD/BEARING LOCKER	PART #
Bearing Mount 620 (Green) (36 ml Bottle).....	M478-620
Threadlocker Blue 242 Medium Strength (36 ml Bottle).....	M478-242
Threadlocker Blue 242 Medium Strength (19 g Lipstick).....	M478-242S
Threadlocker Red 271 High Strength (36 ml Bottle).....	M478-271A
Threadlocker Red 271 High Strength (19 g Lipstick).....	M478-271S

LOCTITE - THREAD DRESSING	PART #
Thread Sealant 565 White (50 ml Tube).....	M478
Thread Sealant 565 White (19 g Lipstick).....	M478-S
Form-A-Thread (4.8 ml Syringe).....	M478-T

LOCTITE - MISCELLANEOUS	PART #
Anti-Seize/Lubricant Copper (1 lb Can).....	M478-CPR
Anti-Seize/Lubricant Copper (20 g Lipstick).....	M478-CPRS
Klean 'N' Prime Anaerobic Activator 7649 (4.5 oz).....	M469LKP
Ready Gasket (7 oz).....	M469LRG
Dielectric Tune Up Grease (80ml).....	M469LDG
Quick Gel Adhesive (2 g Tube).....	M478-G

SERVO BORE REPAIR TOOL KITS	PART #
180 (Tool).....	T-9210
180 (Sleeve).....	T-9210-SL
4L30E (Tool).....	T-9210
4L30E (Sleeve).....	T-9210-SL
400 (Tool).....	T-9211
400 (Sleeve).....	T-9211-SL
4L80E (Tool).....	T-9211
4L80E (Sleeve).....	T-9211-SL
5R55N/S/W (Intermediate) (Tool).....	T-9214
5R55N/S/W (Intermediate) (Sleeve).....	T-9213A-SL
5R55N/S/W (Overdrive) (Tool).....	T-9213
5R55N/S/W (Overdrive) (Sleeve).....	T-9213-SL
A4LD (Tool).....	T-9212
A4LD (Sleeve).....	T-9212-SL
AOD (Tool).....	T-9214
AOD (Sleeve).....	T-9210-SL
AODE (Tool).....	T-9215
AODE (Sleeve).....	T-9210-SL
AX4N (Overdrive) (Tool).....	T-9217
AX4N (Overdrive) (Sleeve).....	T-9217-SL
AX4S (Intermediate) (Tool).....	T-9218
AX4S (Intermediate) (Sleeve).....	T-9218-SL
AX4S (Overdrive) (Tool).....	T-9217
AX4S (Overdrive) (Sleeve).....	T-9217-SL
CD4E (Tool).....	T-9216
CD4E (Sleeve).....	T-9216-SL
FN4A-EL, 4F27E (Tool).....	T-9219
FN4A-EL, 4F27E (Sleeve).....	T-9219-SL

THREAD INSERT REPAIR KITS	PART #
Thread Repair Kit (UNC 1/4"-20).....	M99125K
Inserts (UNC 1/4"-20).....	M99125I
Thread Repair Kit (UNC 5/16"-18).....	M99126K
Inserts (UNC 5/16"-18).....	M99126I
Thread Repair Kit (UNC 3/8"-16).....	M99127K
Inserts (UNC 3/8"-16).....	M99127I
Thread Repair Kit (UNC 7/16"-14).....	M99128K
Inserts (UNC 7/16"-14).....	M99128I
Thread Repair Kit (Metric M6x1).....	M99135K
Inserts (Metric M6 X 1).....	M99135I
Thread Repair Kit (Metric M8x1.25).....	M99136K
Inserts (Metric M8 X 1.25).....	M99136I
Thread Repair Kit (Metric M10x1.5).....	M99137K
Inserts (Metric M10 X 1.50).....	M99137I

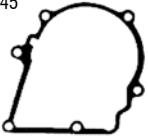
U-JOINTS (MOST COMMON)	PART #
Chevy, Small w/ Outside Snap Rings (3 1/4" x 3 1/4").....	UJ101HD
GM, Large w/ Inside Snap Rings) (3 11/16" x 3 11/16").....	UJ228G
Ford Front w/ Small Block (3 1/4" x 3 1/4").....	UJ310
Ford Rear w/ Small Block (3 1/4" x 3 1/4").....	UJ310
Ford Front w/ Big Block (3 5/8" x 3 5/8").....	UJ315
Ford Rear w/ Big Block (3 5/8" x 3 5/8").....	UJ316
Chrysler (3 1/8" x 3 1/8").....	UJ448
Chrysler (3 5/8" x 3 5/8").....	UJ451

UNIVERSAL DUST COVERS & FILLER TUBES	PART #
Dust Cover , Universal GM.....	M463D
Filler Tube & Dip Stick (350).....	T44494U
Filler Tube & Dip Stick (700-R4).....	T74494U
Filler Tube & Dip Stick Repair End.....	T44494R

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Transfer Case Gaskets

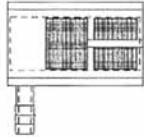
TRANSMISSION TO ADAPTER GASKETS

AOD/E-W BW-1345, 1356, 4404, 4405 DANA TC-28  76305	A727/904 A998/999 NPG-203, 205, 208, 241  22305AB	C6 BW-1345, 1356, 4406, 4407 NPG-203, 205, 208  36305	C4, C5 NPG-203, 208 BW-1345  26305	E40D BW-1345, 1356, 4407  36305E
A4LD/4R44E/4R55E C3 BW-1345, 1350, 1352, 1354, 4404, 4405 DANA TC-28  56305	TH-400 NPG-203, 205, 208 BW-1370, 4470  34305	TH-400 NPG-203, 205, 208 BW-1370, 4470  114348	TH-700-R4/4L60E TH-350/C NPG-203, 205, 207, 208, 231C BW-1370, 4401, 4470, 4472  44348	

ADAPTER TO TRANSFER CASE GASKETS

DANA 18  Available only in Kit TSK20	DANA 18, DANA 20  Available only in Kit TSK20	NPG-203  301304	NPG-203, 205, 208, 241  331304B w/ cut out removed	NPG-205  311304
NPG-203  301304A	BW-1345, 1350, 1354, 1356, 4406, 4407 NPG-208  325304	NPG-205  311304A	NPG-207, 231C BW-4472  351304	BW-1345, 1350, 1352, 1354, 4404, 4405 DANA TC-28  315304
NPG-205, 208  Replaced by 331304B	NPG-205, 208  331304A	QUADRA-TRAC  Available only in Kit TSKQUAD	NPG-208  331305	

Transfer Case Gaskets

MISCELLANEOUS GASKETS			
NPG-242 OUTPUT BEARING INSPECTION COVER GASKET  12305J	QUADRA-TRAC REDUCTION CASE COVER GASKET  Available only in Kit TSKQUAD	DANA 300 PAN GASKET  Available only in Kit TSK300	NPG-203, 205 INPUT GEAR BEARING RETAINER GASKET  311305
NPG-203, 205 PTO COVER GASKET  301305	NPG-203, 205 FRONT OUTPUT BEARING RETAINER GASKET  Available only in Kit TSK203 or TSK205	NPG-205 OUTPUT SHAFT BEARING RETAINER GASKET  311306	NPG-203 DIFF. HOUSING GASKET  301307
NPG-203 HOUSING TO CHAIN COVER GASKET  301306	NPG-205 IDLER COVER GASKET  311307	NPG-205 FRONT BEARING RETAINER GASKET  311308	FILTER NPG-231, 241  351012

Racing Kits & Components

APPLICATION DESCRIPTION	COMPLETE HI PERFORMANCE MASTER KIT	RAYBESTOS HI PERFORMANCE FRICTION PLATES	KOLENE COATED HI PERFORMANCE STEEL PLATES	HI PERFORMANCE LINING BRAKE BANDS
CHRYSLER TF6-904 (998/999)	12008CFHP	R12106HP - Hi/Reverse R12108HP - Rear	12126K - Hi/Rev/Rear	N12022D
CHRYSLER TF8-727	22008CFHP	R22108HP - Hi/Rev/Rear	22126K - Hi/Rev/Rear	N22022C
CHRYSLER A670	32008AFHP	R32106HP - Front R32108AHP - Rear	32126AK - Front 32128K - Rear	N32022AHP
CHRYSLER A604	92008AFHP	R92100BHP - Reverse/UD/OD R92104HP - 2nd R92114HP - Low/Rev	92120K - Reverse/UD/OD 92124K - 2nd 92134K - Low/Rev	_____
FORD C4	26008CFHP	R26108HP - Hi/Rev/Fwd	26126K - Hi/Rev/Fwd	R26022K - Kevlar Lining
FORD C6	36008BFHP	R36106HP - Direct R36108BHP - Forward R36110HP - Reverse	36126K - Forward/Direct 36130K - Reverse	N36022C - Intermediate
FORD AOD 80-Up	76008AFHP For Cast Iron Drums	R76104HP - Intermediate R76106HP - Direct R76108AHP - Forward/Rev.	76124K - Intermediate 76126K - Direct 76128K - Forward/Reverse	R76020K - Overdrive R76024K - Reverse
FORD AOD 90-Up	76008BFHP For Steel Drums	R76104HP - Intermediate R76106HP - Direct R76108AHP - Forward/Rev.	76124K - Intermediate 76126AK - Direct 76128AK - Forward 76128BK - Reverse	N76020G - Overdrive R76024K - Reverse
FORD 4R70W	76008EAHP - (93-95) 76008GFHP - (96-UP)	R76104AHP - Intermediate R76106HP - Direct R76108AHP - Forward/Reverse	76124K - Intermediate 76126AK - Direct 76128AK - Forward 76128BK - Reverse	N76020G - Overdrive R76024K - Reverse
FORD E40D/4R100	36008EFHP - E40D 36008EDHP - 4R100	R36100HP - O.D. (E40D) R36100EAHP - O.D. (4R100) R36112HP - Coast R36104EHP - Intermediate R36106HP - Direct R36108BHP - Forward R36110HP - Rev (E40D) R36110EAHP - Rev (4R100)	36120K - Overdrive 36132K - Coast (E40D) 36132EK - Coast (4R100) 36124K - Inter (E40D) 36145K - Inter (4R100) 36126K - Fwd/Direct 36130X - Reverse	_____

NOTE: All Hi Performance Master Kits contain a Gasket Kit, Sealing Rings, Metal Clad Seals, Special Hi Performance Racing Raybestos Friction Plates, Kolene Coated Steel Plates (where available), Screen Type Filters, & Specially Lined Brake Bands. Also included are Bushings, all needed Washers, all critical Parts such as Sprag Clutches, Roller Clutches, Clutch Diaphragm Springs, and Vacuum Modulators where used.

Racing Kits & Components

APPLICATION DESCRIPTION	COMPLETE HI PERFORMANCE MASTER KIT	RAYBESTOS HI PERFORMANCE FRICTION PLATES	KOLENE COATED HI PERFORMANCE STEEL PLATES	HI PERFORMANCE LINING BRAKE BANDS
GENERAL MOTORS TH200-4R	54008BFHP	R54100BHP - 4th R54114AHP - Low/Reverse R54106AHP - Forward/Direct R54116BHP - Over Run	54134AK - Low/Reverse 54126AAK - Forward 54126AK - Direct 54120BK - 4th	N54022AK
GENERAL MOTORS TH350/C	44008DFHP	R44106HP - Forward/Direct R44104HP - Intermediate R44114HP - Low & Reverse	44126K - Forward/Direct 44124K - Intermediate 44134K - Low & Reverse	R44022HD
GENERAL MOTORS TH400	34008AFHP	R34106HP - Forward/Direct R34104HP - Intermediate	34128B - Forward - .077 34126D - Forward - .090 34124K - Intermediate	R34022HD - Rigid/Front
GENERAL MOTORS 4L80E	34008EFHP - (91-95)	R34100HP - 4th R34116HP - Overrun R34106HP - Forward/Direct R34104AHP - Intermediate	34128B - Forward 34126D - Direct 34124H - Intermediate	R34022HD - Front
GENERAL MOTORS 4T40E	14008AHP	R14104AHP - 2nd R14110AHP - Reverse R14112AHP - Coast R14106AHP - Direct R14108AHP - Forward	14124AK - 2nd 14130AK - Reverse 14132AK - Coast 14126AK - Direct 14128AK - Forward	N14022AHD
GENERAL MOTORS 4T65E	84008GHP - (97-02)	R84100GHP - 4th R84104GHP - 2nd R84106BHP - 3rd I.D. R84126ABHP - 3rd O.D. R84108AHP - Input	84120GK - 4th 84124GK - 2nd 64128K - Input	
GENERAL MOTORS TH700-R4 4L60E	74008BFHP (TH700-R4) 74008EFHP (4L60E)	R74116HP - Overrun R74110AHP - Reverse Input R74108AHP - Forward R74100CHP - 3/4 R74114HP - Low/Reverse	74136K - Overrun 74130K - Reverse Input 74128AK - Forward 74120AK - 3/4 44134K - Low/Reverse	N74020AK N74020C - Wide
GENERAL MOTORS Aluminum Powerglide	114008FHP	R114106AHP - Hi R44114HP - Reverse	114126C - Hi 114130K - Reverse	R114022HP

NOTE: All Hi Performance Master Kits contain a Gasket Kit, Sealing Rings, Metal Clad Seals, Special Hi Performance Racing Raybestos Friction Plates, Kolene Coated Steel Plates (where available), Screen Type Filters, & Specially Lined Brake Bands. Also included are Bushings, all needed Washers, all critical Parts such as Sprag Clutches, Roller Clutches, Clutch Diaphragm Springs, and Vacuum Modulators where used.

Transmission Codes

Unit	Code
01F.....	ZF4HP18
01J.....	Audi CVT
01L.....	ZF5HP24
01V.....	ZF5HP19
03-70.....	A42D
03-70L.....	A42DL
03-70LE.....	A42DE
03-71.....	A43D
03-71L.....	A43DL
03-71LE.....	A43DE
03-72L.....	A44DL
03-72LE.....	A44DE
09A.....	JF506E
09D.....	TR60SN
09E.....	ZF6HP26
09G.....	TF60SN
09L.....	ZF6HP19
125, 125C.....	3T40
125, 125C.....	M34, MD9
180, 180C.....	3L30
180, 180C.....	MD2, MD3
200, 200C.....	M29, MV9
200-4R.....	MW9
250, 250C.....	M31
2ML70.....	M99
30-40LE.....	AW4
30RH.....	A904
30TH.....	A404
31RH.....	A998
31TH.....	A413, 470, 670
325, 325-4L.....	M57
32RH.....	A999
350, 350C.....	M38, MV4, MX2
36RH.....	A727
37RH.....	A727
3L30.....	180, 180C
3L80.....	400
3T40.....	125, 125C
400.....	3L80
400.....	M40
40RH.....	A500
40TE.....	A604
41AE.....	A604
41TE.....	A604
41TES.....	A604
42LE.....	A606
42RE.....	A500
42RH.....	A500
440-T4.....	4T60
440-T4.....	ME9
44RE.....	A500
46RE.....	A518
46RH.....	A518
47RE.....	A618
47RH.....	A618
4EAT.....	Subaru 4 Spd
4F20E.....	RE4F04A
4F27E.....	FN4A-EL
4F50N.....	AX4N
4L30E.....	ML4
4L60.....	700-R4
4L60E.....	M30, M33

Unit	Code
4L65E.....	M32
4L70E.....	M70
4L80E.....	MT1
4L85E.....	MN8
4R70W.....	AODEW
4T40E.....	MN4
4T45E.....	ME7
4T45E.....	MN5
4T60.....	440-T4
4T60E.....	M13
4T65E.....	M76
4T65E.....	MN3
4T65E.....	MN7
4T80E.....	MH1
5EAT.....	Subaru 5 Spd
5L40E.....	M82
5L40E.....	MX5
5L50E.....	M22
5L50E.....	MV3
5R110W.....	TORQSHIFT
5R55S.....	5R55W
5R55W.....	5R55S
5T50E.....	M84
6L45.....	MYA
6L50.....	MYB
6L80.....	MYC
6L90.....	LY6
6L90.....	MYD
6T40.....	MH8
6T40.....	X23F
6T45.....	MH7
6T70.....	MH2
6T70.....	MH4
700-R4.....	4L60
700-R4.....	MD8
722.3.....	W4A040
722.4.....	W4A020
722.6.....	NAG1
722.6.....	W5A180
722.6.....	W5A330
722.6.....	W5A380
722.6.....	W5A580
722.6.....	W5A900
722.6.....	W5J400
722.9.....	NAG2
722.9.....	W7A700
722.9.....	W7B700
722.9.....	W7X550
A131.....	MX1
A210.....	MX17
A404.....	30TH
A413, A470.....	31TH
A42DE.....	03-70LE
A43DE.....	03-71LE
A44DE.....	03-72LE
A44DL.....	03-72L
A45X.....	AS68RC
A465.....	AS68RC
A500.....	40RH
A500.....	42RE
A500.....	44RE
A518.....	46RE

Unit	Code
A518.....	46RH
A5SR1.....	RE5R05A
A5SR2.....	RE5R05A
A604.....	40TE
A604.....	41AE
A604.....	41TE
A606.....	42LE
A618.....	47RE
A670.....	31TH
A727.....	36RH
A904.....	30RH
A998.....	31RH
A999.....	32RH
AF13.....	AW60-40LE
AF14.....	AW50-40LE
AF17.....	AW60-41SN
AF20.....	M92
AF21.....	TF-81SC
AF22.....	AW50-42LE
AF22.....	M93
AF33-5.....	AW55-50SN
AF33.....	M09
AF33.....	M45
AF40-6.....	TF-80SC
AF40.....	MXE
AF40.....	TF-80SC
AF55.....	ML3
AHS-T.....	2ML70
AL4.....	DPO
AODEW.....	4R70W
AOD.....	FIOD
AS68RC.....	A45X
AS68RC.....	A465
Audi CVT.....	01J
AVEO.....	AW80/81
AVEO.....	U440
AW4.....	A340
AW50-40LE.....	AF14
AW50-40LE.....	AF14-20
AW50-42LE.....	AF22
AW55-50SN.....	AF33-5
AW55-50SN.....	RE5F22A
AW60-40LE.....	AF13
AW60-40LE.....	M91
AW60-40LE.....	MC7
AW60-41SN.....	AF17
AW6A-EL.....	TF-81SC
AW80/81.....	AVEO
AW80/81.....	U440
AW80-40LE.....	MLQ
AX4N.....	4F50N
AX4S.....	AXODE
AXODE.....	AX4S
CD4E.....	LA4A-EL
CVTPE.....	HD-10
DPO.....	AL4
EC8.....	Subaru 4 Spd
F3A21-2.....	KM171-5
F3A22-2.....	KM172-5
F3A.....	KF100
F3A.....	MX-1
F4A21-2.....	KM176-5

Transmission Codes

Unit	Code
F4A21-1.....	KM176-5
F4A22-1.....	KM175-5
F4A22-2.....	KM175-5
F4A23-1.....	KM177-8
F4A23-2.....	KM177-8
F4A32.....	A4AF1
F4A32.....	A4AF2
F4A32.....	A4AF3
F4A32.....	A4BF1
F4A32.....	A4BF2
F4A41.....	F4A4B
F4A42.....	F4A4B
F4A4B.....	F4A41
F4A4B.....	F4A42
F4A51.....	F4A5A
F4A5A.....	F4A51
F4A-EL.....	F4EAT
F4A-EL.....	F4E-III
F5A51.....	F5A5A
F5A5A.....	F5A51
FIOD.....	AOD
FN4A-EL.....	4F27E
FNR5.....	FS5A-EL
FS5A-EL.....	FNR5
HD-10.....	CVTPSE
JA5A-EL.....	JF506E
JF009E.....	RE0F08A
JF010E.....	RE0F09A
JF011E.....	RE0F10A
JF506E.....	09A
JF506E.....	JA5A-EL
JF506E.....	RE5F01A
JF613E.....	F6AJA
JR405E.....	RC4A-EL
JR502E.....	RE5R01A
JR507E.....	RE5R05A
KF100.....	F3A
KM171-5.....	F3A21-2
KM172-5.....	F3A22-2
KM175-5.....	F4A22-1
KM175-5.....	F4A22-2
KM176-5.....	F4A21-2
KM177-8.....	F4A23-1
KM177-8.....	F4A23-2
L4N71B.....	N4A-EL
LA4A-EL.....	CD4E
LT1000.....	M74
LT1000.....	MW7
LT2400.....	MTW
LY6.....	6L90
M09.....	AF33
M13.....	4T60E
M15.....	4T65E
M22.....	5L50E
M29.....	200, 200C
M30.....	4L60E
M31.....	250, 250C
M32.....	4L65E
M33.....	4L60E
M34.....	125, 125C
M35.....	Powerglide
M38.....	350, 350C

Unit	Code
M40.....	400
M41.....	Subaru 3 Spd
M45.....	AF33
M57.....	325, 325-4L
M70.....	4L70E
M74.....	LT1000
M75.....	VT-20
M76.....	4T65E
M82.....	5L40E
M83.....	VT-20
M84.....	5T50E
M91.....	AW60-40LE
M92.....	AF20
M93.....	AF22
M99.....	2ML70
MC7.....	AW60-40LE
MD2.....	180, 180C
MD3.....	180, 180C
MD8.....	700-R4
MD9.....	125, 125C
ME7.....	4T45E
ME9.....	440-T4
MH1.....	4T80E
MH2.....	6T70
MH4.....	6T70
MH7.....	6T45
MH8.....	6T40
ML3.....	AF55
ML4.....	4L30E
MLQ.....	AW80-40LE
MN3.....	4T65E
MN4.....	4T40E
MN5.....	4T45E
MN7.....	4T65E
MN8.....	4L85E
MP6.....	TAAT
MP7.....	TAAT
MS7.....	A240
MT1.....	4L80E
MTW.....	LT2400
MV3.....	5L50E
MV4.....	350, 350C
MV9.....	200, 200C
MW7.....	LT1000
MW9.....	200-4R
MX17.....	A210
MX1.....	A131
MX-1.....	F3A
MX2.....	350, 350C
MX5.....	5L40E
MXE.....	AF40
MYA.....	6L45
MYB.....	6L50
MYC.....	6L80
MYD.....	6L90
N4A-EL.....	L4N71B
NAG1.....	722.6
NAG2.....	722.9
Powerglide.....	M35
R4A-EL.....	RE4R01A
R4AX-EL.....	Subaru 4 Spd
RC4A-EL.....	JR405E

Unit	Code
RE0F08A.....	JF009E
RE0F09A.....	JF010E
RE0F10A.....	JF011E
RE4F04A.....	4F20E
RE4F04A.....	LJ4A-EL
RE4R01A.....	JR402E
RE4R03A.....	RG4R01A
RE5F01A.....	JF506E
RE5F22A.....	AW55-50SN
RE5R01A.....	JR502E
RE5R05A.....	A5SR1
RE5R05A.....	A5SR2
RE5R05A.....	JR507E
RG4R01A.....	RE4R03A
RNJ.....	AW450-43LE
SJ6A-EL.....	A760E
Subaru 3 Spd.....	M41
Subaru 4 Spd.....	4EAT
Subaru 4 Spd.....	EC8
Subaru 4 Spd.....	R4AX-EL
Subaru 5 Spd.....	5EAT
TAAT.....	MP6
TAAT.....	MP7
TF-60SN.....	09G
TF-80SC.....	AF40-6
TF-81SC.....	AF21
TF-81SC.....	AW6A-EL
TORQSHIFT.....	5R110W
TR60SN.....	09D
VT-20.....	M75
VT-20.....	M83
VT25-E.....	VTi
VTi.....	VT25-E
VW095.....	01M
VW096.....	01M
VW097.....	01N
VW098.....	01P
W4A020.....	722.4
W4A040.....	722.3
W4A42.....	W4A4B
W4A4B.....	W4A42
W4A51.....	W4A5A
W4A5A.....	W4A51
W5A180.....	722.6
W5A330.....	722.6
W5A380.....	722.6
W5A580.....	722.6
W5A900.....	722.6
W5J400.....	722.6
W7A700.....	722.9
W7B700.....	722.9
W7X550.....	722.9
X23F.....	6T40
ZF4HP18.....	01F
ZF5HP19.....	01V
ZF5HP24.....	01L
ZF6HP19.....	09L
ZF6HP26.....	09E

Conversion Chart

ENGINE CONVERSION CHART — C.I.D. TO LITRE

ENGINE C.I.D.	LITRE	CYL.	ENGINE C.I.D.	LITRE	CYL.	ENGINE C.I.D.	LITRE	CYL.	ENGINE C.I.D.	LITRE	CYL.
85.0	1.4L	4	198	3.2L	6	283	4.6L	V8	389	6.4L	V8
97.0	1.6L	4	200	3.3L	V6	289	4.7L	V8	390	6.4L	V8
98	1.6L	4	204	3.3L	V6	292	4.8L	6	391	6.4L	V8
104.7	1.7L	4	207	3.4L	V6	300	4.9L	6	392	6.4L	V8
105	1.7L	4	215	3.5L	6	301	4.9L	V8	394	6.5L	V8
107.6	1.8L	4	221	3.6L	V8	302	5.0L	V8	396	6.5L	V8
109.9	1.8L	4	223	3.7L	6	304	5.0L	V8	400	6.6L	V8
110	1.8L	4	225	3.7L	6	305	5.0L	V8	401	6.6L	V8
112	1.8L	4	229	3.8L	V8	307	5.0L	V8	402	6.6L	V8
121	2.0L	4	230	3.8L	V8	312	5.1L	V8	403	6.6L	V8
121.3	2.0L	4	231	3.8L	V8	318	5.2L	V8	406	6.7L	V8
121.5	2.0L	4	232	3.8L	V6	328	5.3L	V8	409	6.7L	V8
122	2.0L	4	235	3.9L	6	327	5.4L	V8	410	6.7L	V8
135	2.2L	4	239	3.9L	V8	330	5.4L	V8	413	6.8L	V8
140	2.3L	4	240	3.9L	L6	331	5.4L	V8	420	6.9L	V8
144	2.4L	6	241	4.0L	V8	332	5.4L	V8	421	6.9L	V8
150	2.5L	4	242	4.0L	6	340	5.6L	V8	425	7.0L	V8
151	2.5L	4	243	4.0L	L6	341	5.6L	V8	426	7.0L	V8
153	2.5L	4	245	4.0L	V6	348	5.7L	V8	427	7.0L	V8
156	2.6L	4	250	4.1L	V6	350	5.7L	V8	428	7.0L	V8
170	2.8L	6	252	4.1L	V6	351	5.8L	V8	429	7.0L	V8
171	2.8L	V6	255	4.2L	V8	352	5.8L	V8	430	7.0L	V8
173	2.8L	V6	256	4.2L	V8	354	5.8L	V8	432	7.1L	V6
177	2.9L	V6	258	4.2L	6	359	5.9L	V8	440	7.2L	V6/V8
179	2.9L	V6	260	4.3L	V6/V8	360	5.9L	V8	446	7.3L	V8
181	3.0L	V6	262	4.3L	6/V8	361	5.9L	V8	454	7.4L	V8
183	3.0L	V6	265	4.3L	V8	366	6.0L	V8	455	7.5L	V8
189	3.1L	V6	267	4.4L	V8	368	6.0L	V8	460	7.5L	V8
194	3.2L	6	270	4.4L	V6	370	6.1L	V8	472	7.7L	V8
195	3.2L	V8	272	4.5L	V8	379	6.2L	V8	475	7.8L	V8
196	3.2L	V6	280	4.6L	V8	381	6.2L	V8	477	7.8L	V8
						383	6.3L	V8	500	8.2L	V8

NOTE: For any engine not listed above, use the following multipliers for proper conversion:
 C.I.D. to Liters - Multiply by .016395 Liters to C.I.D. - Multiply by 61.025

MEASUREMENT CONVERSION CHART

Fractions Inch	Decimal Inch	Metric (Millimeter)	Fractions Inch	Decimal Inch	Metric (Millimeter)
1/64	.015625	.39688	33/64	.515625	13.09687
1/32	.03125	.79375	17/32	.53125	13.49375
3/64	.046875	1.19062	35/64	.546875	13.89062
1/16	.0625	1.58750	9/16	.5625	14.28750
5/64	.078125	1.98437	37/64	.578125	14.68437
3/32	.09375	2.38125	19/32	.59375	15.08125
7/64	.109375	2.77812	39/64	.609375	15.47812
1/8	.125	3.1750	5/8	.625	15.87500
9/64	.140625	3.57187	41/64	.640625	16.27187
5/32	.15625	3.96875	21/32	.65625	16.66875
11/64	.171875	4.36562	43/64	.671875	17.06562
3/16	.1875	4.76250	11/16	.6875	17.46250
13/64	.203125	5.15937	45/64	.703125	17.85937
7/32	.21875	5.55625	23/32	.71875	18.25625
15/64	.234375	5.95312	47/64	.734375	18.65312
1/4	.250	6.35000	3/4	.750	19.05000
17/64	.265625	6.74687	49/64	.765625	19.44687
9/32	.28125	7.14375	25/32	.78125	19.84375
19/64	.296875	7.54062	51/64	.796875	20.24062
5/16	.3125	7.93750	13/16	.8125	20.63750
21/64	.328125	8.33437	53/64	.828125	21.03437
11/32	.34375	8.73125	27/32	.84375	21.43125
23/64	.359375	9.12812	55/64	.859375	21.82812
3/8	.375	9.52500	7/8	.875	22.22500
25/64	.390625	9.92187	57/64	.890625	22.62187
13/32	.40625	10.31875	29/32	.90625	23.01875
27/64	.421875	10.71562	59/64	.921875	23.41562
7/16	.4375	11.11250	15/16	.9375	23.81250
29/64	.453125	11.50937	61/64	.953125	24.20937
15/32	.46875	11.90625	31/32	.96875	24.60625
31/64	.484375	12.30312	63/64	.984375	25.00312
1/2	.500	12.70000	1	1.00	25.40000