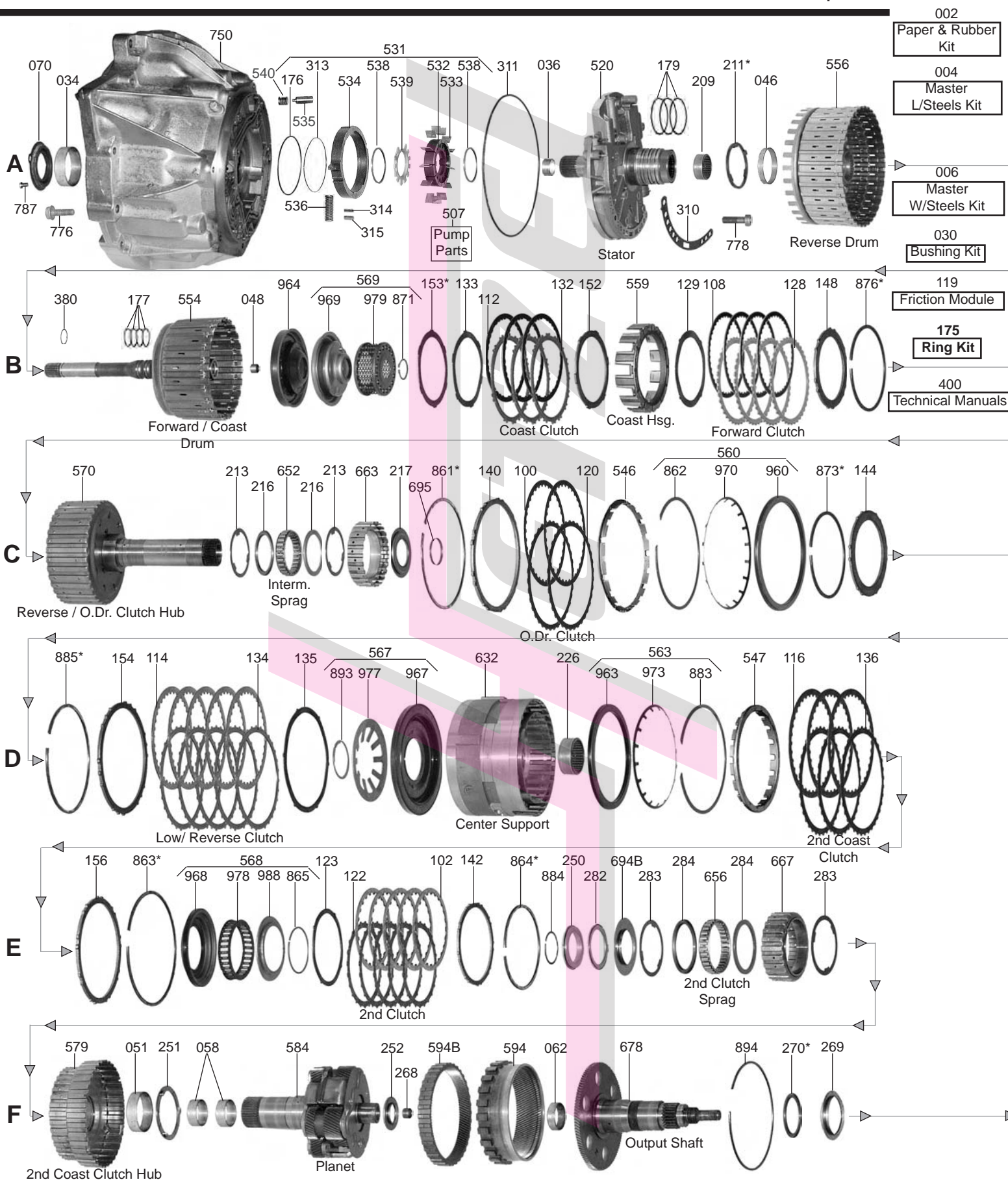


5L40E / 5L50E

RWD 5 Speed

General Motors



5L40E / 5L50E

RWD 5 Speed

PART #	OVERHAUL KIT	QTY	REFERENCE #
144002A	Overhaul Kit, 5L40E/5L50E (BMW/Cadillac)(Without Bonded Pistons) 2000-Up	1	
PART #	MASTER L/STEELS KIT	QTY	REFERENCE #
144004A	Master L/Steels Kit, 5L40E/5L50E (Without Molded Pistons) 2000-Up	1	
PART #	MASTER W/STEELS KIT	QTY	REFERENCE #
144006A	Master W/Steels Kit, 5L40E/5L50E (BMW) 2000-Up (For Bonded Pistons Sell 144960AK)	1	
144006C	Master W/Steels Kit, 5L40E/5L50E (Cadillac) 2003-Up (With 36 External Teeth On The 2nd Coast Clutch Friction)(For Bonded Pistons Sell 144960CK)	1	
PART #	FILTERS	QTY	REFERENCE #
144010A	Filter, 5L40E (BMW/GM) Deep Pan (With White Plastic Neck Spacer)(1/2 Plastic & 1/2 Metal) (Pick-Up Is Just 2 Slots Cut Out In The Metal On The Bottom) 1999-Up	1	96042545
144010AA	Filter, 5L40E (BMW) Deep Pan (With White Plastic Neck Spacer)(1/2 Plastic & 1/2 Metal)(Pick-Up Is Black Plastic 9/16" Tall, 5 1/8" Wide, Attached To The Metal Bottom) 2000-Up	1	24-11-7-510-012
144010C	Filter, 5L40E (BMW) Shallow Pan (No White Plastic Neck Spacer)(1/2 Plastic & 1/2 Metal) (Pick-Up Is Just 2 Slots Cut Out In The Metal 1/2 On The Bottom) 2000-Up	1	96041844
PART #	BUSHINGS	QTY	REFERENCE #
144030A	Bushing Kit, 5L40E 2000-Up (Use T-98325 Installer Set)	1	
T-98325	Bushing Installer Set, 5L40E (For 144030A Bushing Kit)	1	
74034	Bushing, 5L40E Converter Housing (Babbit)	1	
74034B	Bushing, 5L40E Converter Housing (Teflon)("Dura-Life", "Split")	1	
144036A	Bushing, 5L40E Stator (Front) (.895"ID) 2000-Up	1	
144046A	Bushing, 5L40E Reverse Drum (2.275"ID) 2000-Up	1	
144048A	Bushing, 5L40E Forward/Coast Clutch Drum (Rear) (.665"ID) 2000-Up	1	
144049A	Bushing, 5L40E Direct Clutch Hub Shaft (.908"ID) (Takes 2) 2000-Up	2	
144051A	Bushing, 5L40E 2nd Coast Clutch Hub (2.130"ID) 2000-Up	1	
144058A	Bushing, 5L40E Planet Shaft (Front Bushing) 2000-Up	1	
144058AA	Bushing, 5L40E Planet Shaft (Rear Bushing) 2000-Up	1	
144062A	Bushing, 5L40E Output Shaft (Front) (1.210"ID) 2000-Up	1	
PART #	METAL CLAD SEALS	QTY	REFERENCE #
144070A	Seal, 5L40E Front (Bell Housing) With 2 Bolt Holes 2000-Up	1	96041855
144074A	Seal, 5L40E Rear (2.450"OD) (.280" Thick) 2000-Up	1	96042587
PART #	FRICTION CLUTCH	QTY	REFERENCE #
144100A	Use 144110A	2	
144102A	Friction, 5L40E (BMW) 2nd Clutch (1 Sided) 24 Teeth Internal (.064") 5.428"OD 2000-Up	5	
144102C	Friction, 5L40E (Cadillac) 2nd Clutch (1 Sided) 24 Teeth Internal (.064") 5.115"OD 2003-Up	2	
144104A	Friction, 5L40E Intermediate Clutch (1 Sided) 24 Teeth Internal (.065") 2000-Up	3	
144106A	Friction, 5L40E Direct Clutch (1 Sided) 36 Teeth Internal (.063")(6.800"OD) 2000-Up (Also Fits Low/Reverse Clutch # 114)(Also Fits 2nd Coast Clutch # 116)	4-9	
144108A	Friction, 5L40E Forward Clutch (1 Sided) 24 Teeth Internal (.063") 2000-Up	4	
144110A	Friction, 5L40E Reverse Clutch (1 Sided) 36 Teeth Internal (.063") 2000-Up (Also Fits Overdrive Clutch #100)	4-9	
144112A	Friction, 5L40E Coast Clutch (1 Sided) 24 Teeth Internal (.064") 2000-Up	5	
144114A	Use 144106A	5	
144116A	Friction, 5L40E (BMW) 2nd Coast Clutch (1 Sided)36 Teeth Internal(.063")(6.925"OD) 2000-Up	3	
144116C	Use 144106A (Cadillac)	3	
144119A	Friction Module, 5L40E (BMW) 2000-Up (With External Teeth On The 2nd Coast Clutch Friction)	1	
144119C	Friction Module, 5L40E (Cadillac) 2003-Up (With 36 External Teeth On The 2nd Coast Clutch Friction)	1	
144120A	Use 144130A	2	
144122A	Friction, 5L40E (BMW) 2nd Clutch (1 Sided) 24 Teeth External (.064") 5.465"OD 2000-Up	5	
144122C	Friction, 5L40E (Cadillac) 2nd Clutch (1 Sided) 24 Teeth External (.064") 5.154"OD 2003-Up	5	
PART #	STEEL CLUTCH	QTY	REFERENCE #
144123A	Steel, 5L40E (BMW) 2nd Clutch (4 Teeth, .087") 5.455"OD (Waved) 2000-Up	1	
144123C	Steel, 5L40E (Cadillac) 2nd Clutch (4 Teeth, .095") 5.135"OD (Waved) 2003-Up	1	
144124A	Friction, 5L40E Intermediate Clutch (1 Sided) 24 Teeth External (.065") 2000-Up	3	

144125A	Steel, 5L40E Intermediate Clutch (4 Teeth, .070") Waved 2000-Up	1
144126A	Use 144136C	4
144127A	Cushion, 5L40E Direct Clutch (6 Teeth, .075") 6 5/16"OD 2000-Up	1
144128A	Friction, 5L40E Forward Clutch (1 Sided) 24 Teeth External (.063") 2000-Up	4
144129A	Steel, 5L40E Forward Clutch (6 Teeth, .061") Waved 2000-Up	1
144130A	Friction, 5L40E Reverse Clutch (1 Sided) 36 Teeth External (.062") 2000-Up (Also Fits Overdrive Clutch #120)	2-4
144131A	Steel, 5L40E Reverse Clutch (12 Teeth, .074") Waved 2000-Up	1
144131AA	Steel, 5L40E Reverse Clutch (6 Teeth, .078") Waved 2000-Up	1
144132A	Friction, 5L40E Coast Clutch (1 Sided) 12 Teeth External (.063") 2000-Up	5
144133A	Steel, 5L40E Coast Clutch (4 Teeth, .053") Waved 2000-Up	1
144133AA	Steel, 5L40E Coast Clutch (6 Teeth, .053") Waved 2000-Up	1
144134A	Friction, 5L40E Low/Reverse Clutch (1 Sided) 29 Teeth External (.063") 2000-Up	5
144135A	Steel, 5L40E Low/Reverse Clutch (6 Teeth, .077") Waved 2000-Up	1
144136A	Friction, 5L40E (BMW) 2nd Coast Clutch (1 Sided) 6 Teeth External (.063") 2000-Up	3
144136C	Friction, 5L40E (Cadillac) 2nd Coast Clutch (1 Sided) 36 Teeth External (.063") 2003-Up (Also Fits Direct Clutch #126 (BMW & Cadillac) 2000-Up	3

PART #	PRESSURE PLATES	QTY	REFERENCE #
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144140A	Use 144150A	1
144142A	Pressure Plate, 5L40E (BMW) 2nd Clutch (12 Teeth) .198" Thick (5.460"OD) 2000-Up	1
144142C	Pressure Plate, 5L40E (Cadillac) 2nd Clutch (12 Teeth) .198" Thick (5.150"OD) 2003-Up	1
144144A	Pressure Plate, 5L40E Intermediate Clutch (12 Teeth, .198" Thick) 2000-Up	1
144146A	Pressure Plate, 5L40E Direct Clutch (Top) (18 Teeth, .199" Thick) (6 1/16"ID) 2000-Up (Also Fits 5L40E (Cadillac) 2nd Coast Clutch #156 2003-Up)	1
144148A	Pressure Plate, 5L40E Forward Clutch (Top) (12 Teeth, .200" Thick) 2000-Up	1
144150A	Pressure Plate, 5L40E Reverse Clutch (Top) 18 Teeth, .198" Thick (6 7/16"ID) 2000-Up (Also Fits Overdrive Clutch #140)	1-2
144151A	Apply Plate, 5L40E Reverse Clutch (36 Teeth, .119" Thick) (6 7/16"OD) 2000-Up	1
144152A	Pressure Plate, 5L40E Coast Clutch (Top) 6 Teeth, .078" Thick (4.125"ID) 2000-Up	1
144153A	Apply Plate, 5L40E Coast Clutch (6 Teeth) Selective 2000-Up	1
144154A	Pressure Plate, 5L40E Low/Reverse Clutch (18 Teeth, .198" Thick) 2000-Up	1
144156A	Pressure Plate, 5L40E (BMW) 2nd Coast Clutch (6 Teeth) (.200" Thick) 2000-Up	1
144156C	(Use 144146A)	1

PART #	SEALING RINGS	QTY	REFERENCE #
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144175AT	Ring Kit, 5L40E 2000-Up	1
144176AT	Ring, 5L40E Pump Outer Slide (Teflon) 2000-Up	1
144177AT	Ring, 5L40E Forward/Coast Clutch Drum (Front 1 Is Solid) (Teflon) 2000-Up	4
144177BT	Ring, 5L40E Forward/Coast Clutch Drum (Rear 3 Are Scarf Cut) (Teflon) 2000-Up	4
144179AT	Ring, 5L40E Stator To Reverse Drum (Teflon) (Takes 3) 2000-Up	3

PART #	WASHERS & BEARINGS	QTY	REFERENCE #
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144200A	Washer Kit, 5L40E 2000-Up (12 Washers)	1
144209A	Caged Needle Bearing, 5L40E Stator (Rear) (HK3512B) 2000-Up	1
144211A	Washer, 5L40E Stator To Reverse Drum (Selective) Plastic (With 1 Outer Tab & 3 Inner Tabs) 2000-Up	1
144213A	Washer, 5L40E Intermediate Sprag (Both Sides) .040" Thick (Plastic With 3 Inner Tabs) (3.220"OD) 2000-Up	1
144217A	Bearing W/Races, 5L40E Intermediate Sprag To Low Sprag 2000-Up	1
144226A	Caged Needle Bearing, 5L40E Center Support (HK 5020 B) 2000-Up	1
144230A	Washer, 5L40E Direct Hub To Reverse/Overdrive Hub (.064" Thick) (Plastic, 3 Tab) 2000-Up	1
144232A	Bearing W/Races, 5L40E Forward/Coast Drum To Hub 2000-Up	1
144234A	Washer, 5L40E Forward Sprag Inner Race To Sprag (3 Inner Tabs) (.049" Thick) (3.225"OD) 2000-Up	1
144236A	Washer, 5L40E Forward Sprag To Direct Clutch Hub (.062" Thick) (Plastic 3 Tab) 2000-Up	1
144250A	Bearing W/Races, 5L40E Center Support To 2nd Clutch Sprag 2000-Up (Has A Thick Spacer Race On One Side)	1
144251A	Washer, 5L40E 2nd Coast Clutch Hub To Planet (Plastic 3 Tab) (3.638"OD) 2000-Up	1
144252A	Bearing W/Races, 5L40E Planet To Output Shaft (Stepped) 2000-Up	1
144257A	Bearing W/Races, 5L40E Low/Reverse Clutch Hub To Center Support 2000-Up	1
144268A	Caged Needle Bearing, 5L40E Inside Planet Pilot (.780"OD) 2000-Up (Cast # NADELLA HK 1412)	1
144269A	Bearing W/1 Race, 5L40E Output Shaft To Extension Housing (2.598"OD) 2000-Up	1
144270AA	Shim, 5L40E Output Shaft To Extension Housing (Selective) (2.440"OD) 2000-Up	1
144271A	Caged Needle Bearing, 5L40E Extension Housing (Front) (HK 4520B) 2000-Up	1

PART #	WASHERS & BEARINGS (Continued)	QTY	REFERENCE #
144272A	Caged Needle Bearing, 5L40E Extention Housing (Rear) (HK 4012B) 2000-Up	1	
144282A	Bearing W/Races, 5L40E #250 Bearing To 2nd Clutch Sprag 2000-Up	1	
144283A	Washer, 5L40E 2nd Clutch Sprag (Both Sides) (Plastic W/3 Inner Tabs) (3.638"OD) 2000-Up	2	
144285A	Washer, 5L40E Low Sprag (Both Sides) (Plastic W/3 Inner Tabs) (3.577"OD) 2000-Up	2	
144287A	Washer, 5L40E Yoke To Output Shaft Nut 2000-Up	1	

PART #	GASKETS & RUBBER COMPONENTS	QTY	REFERENCE #
144300AW	Gasket, 5L40E Bottom Pan (20 Bolt Holes) (Bonded) 2000-Up	1	96042862
144305A	Gasket, 5L40E Extention Housing (Bonded) (7 Holes) 2000-Up	1	96042887
144310A	Gasket, 4L50E/5L40E/5L50E Stator To Case (Bonded) 2000-Up	1	
144311A	O-Ring, 4L50E/5L40E/5L50E Bell Housing To Case 2000-Up	1	
144313A	O-Ring, 5L40E Pump Outer Slide 2000-Up	1	
144320A	Gasket, 5L40E Valve Body Seperator Plate To Lower Channel Plate 2000-Up	1	
144321A	Gasket, 5L40E Valve Body Seperator Plate To Front & Rear Valve Body (Lower) 2000-Up	1	
144322A	Gasket, 5L40E Upper Channel Plate To Lower Channel Plate 2000-Up	1	
144338A	O-Ring, 5L40E Reverse Clutch Drum Piston (Direct Housing) (Inner) 2000-Up	1	
144342A	Lube Seals, 5L40E Valve Body To Overdrive/Intermediate Housing (2 Tubes With Molded Rubber Seals) 2000-Up	2	
144342AA	Lube Seals, 5L40E Valve Body To Center Support (4 Tubes With Molded Rubber Seals) 2000-Up	4	96041778
144380A	O-Ring, 5L40E Input Shaft (Front) 2000-Up	1	

PART #	TECHNICAL MANUALS	QTY	REFERENCE #
144400A	Technical Manual, 5L40E	1	

PART #	ELECTRICAL COMPONENTS	QTY	REFERENCE #
144410C	Switch, 5L40E (Cadillac/BMW) PRNDL (6 Pin) (96020017)	1	96042540
144421A	Solenoid, 5L40E Shift (1-2, 2-3 & 4-5 Shift) (All) 2000-Up	1-3	96022804
144422A	Use 144421A	1	
144428A	Use 84431G or 84431GA	1	
84431G	Solenoid, 5L40E Pressure Control Solenoid # 428 (1.320"OD) 1999-Up	1	
84431GA	Solenoid, 5L40E Pressure Control Solenoid # 428 (.860"OD) 1999-Up	1	
144436A	Use U144438A	1	
144436C	Use U144438C	1	
144437C	Sensor, 5L40E (Cadillac) TFT (Temperature) (2 Pin) 2003-Up	1	
144438A	Sensor, 5L40E (BMW) Output Speed (96022527) 2000-Up (Also Fits #436 The Input Speed Sensor) 2000-Up	1-2	
144438C	Sensor, 5L40E (Cadillac) Output Speed (96020037) 2003-Up (Also Fits # 436 The Input Speed Sensor) 2003-Up	1-2	96041860
144440A	Use 144421A	1	
144446A	Wire Harness, 5L40E (BMW) Internal (20 Pin Case Connector With 7 Two Wire & 1 Six Wire Connectors) 2000-Up	1	
144446C	Wire Harness, 5L40E (Cadillac) Internal (20 Pin Case Connector With 8 Two Wire & 1 Six Wire Connectors) 2003-Up	1	96042847

PART #	HARD PARTS	QTY	REFERENCE #
144520A	Stator, 5L40E (BMW) Aluminum Cast # 095304 (11 Bolt) 2000-Up	1	
144520AA	Stator, 5L40E (BMW) (Aluminum, Cast # 96 022 417)(3 3/8" Long Shaft From Front Of Splines To Aluminum Body)	1	
144520C	Stator, 5L40E (Cadillac) (Aluminum, Ink # 1268-190100) 2003-Up	1	
144520CA	Stator, 5L40E (Cadillac)(3 3/16" Long Shaft From Front Of Splines To Aluminum Body) 2003-Up	1	

PART #	PUMP COMPONENTS	QTY	REFERENCE #
S144507RK	Reverse Boost Valve Assembly, 5L40E (Contains: Valve, Sleeve & Spacer) 2000-Up (Sonnax)	1	
74531C	Rotor Kit, 5L40E (13 Vane) (.707" Rotor) 1997-3/04 (This Kit Does Not Have #534 (Outer Slide) or #538 (Rings))	1	
74532C	Rotor, 5L40E (13 Vane) (.7070" To .7075")	1	
64533	Vane, 5L40E (Takes 13)	13	8631280
54534C	Pump Slide, 5L40E (.707") 2000-Up	1	2421481
144535A	Pivot Pin, 5L40E Pump Slide (Spring Snap To Pin) 2000-Up (Can Use 74535B)	1	
144536A	Spring, 5L40E Pump Outer Slide (.645"OD) 2000-Up	1	
54538B	Ring, 5L40E Pump Vane Solid Steel "Hardened"	1	24201144
74539C	Rotor Guide, 5L40E Pump (13 Vane)	1	24205410

PART #	HARD PARTS (Continued)	QTY	REFERENCE #
54540B	.....Spring, 5L40E Pump Slide Pivot Pin.....	1	
144546A	.....Apply Ring, 5L40E Overdrive Clutch (Aluminum, .636" Thick) 2000-Up.....	1	
144547A	.....Apply Ring, 5L40E (BMW) 2nd Coast Clutch (Aluminum) (.430" Thick) 1999-Up	1	
144547C	.....Apply Ring, 5L40E (Cadillac) 2nd Coast Clutch (Aluminum) (.555" Thick) 2003-Up	1	
144550A	.....Housing, 5L40E Overdrive/Intermediate Clutch (3 Clutch Overdrive & 4 Clutch Intermediate, .....Internal Tooth Friction) 2000-Up.....	1	
144550AA	.....Housing, 5L40E Overdrive/Intermediate Clutch (3 Clutch Overdrive & 3 Clutch Intermediate, .....Internal Tooth Friction) 2000-Up.....	1	
144550C	.....Housing, 5L40E Overdrive/Intermediate Clutch (2 Clutch Overdrive & 3 Clutch Intermediate, .....Internal Tooth Friction) 2003-Up.....	1	96042808
144554A	.....Drum W/Shaft, 5L40E (BMW) Forward/Coast Clutch (9 1/8" Long Shaft) 2000-Up	1	
144554C	.....Drum W/Shaft, 5L40E (Cadillac) Forward/Coast Clutch (8 15/16" Long Shaft) 2003-Up	1	96042815
144556A	.....Drum, 5L40E Reverse Clutch (Stamped Steel With Check Ball)(.320" From Top Of Snap Ring.....Groove To Top Of Drum) 2000-Up	1	96042814
144556AA	.....Drum, 5L40E Reverse Clutch (Stamped Steel With Check Ball)(.155" From Top Of Snap Ring.....Groove To Top Of Drum) 2000-Up	1	
14556AB	.....Drum, 5L40E REverse Clutch (Stamped Steel Without Check Ball)(.155" From Top Of Snap Ring.....Groove To Top Of Drum) 2000-Up	1	
144559A	.....Housing, 5L40E (BMW) Coast Clutch (Aluminum, 1.380" Thick) 2000-Up.....	1	
144559C	.....Housing, 5L40E (Cadillac) Coast Clutch (Aluminum, 1.265" Thick) 2003-Up.....	1	
144560A	.....Piston Kit, 5L40E Overdrive Clutch (Bonded) 2000-Up	1	
144562A	.....Piston Kit, 5L40E Intermediate Clutch (Bonded) 2000-Up.....	1	
144563A	.....Piston Kit, 5L40E (BMW) 2nd Coast Clutch (Bonded) (.270" Thick) 2000-Up	1	
144563C	.....Piston Kit, 5L40E (Cadillac) 2nd Coast Clutch (Bonded) (.305" Thick) 2003-Up	1	
144565A	.....Piston Kit, 5L40E Direct Clutch (Bonded With Check Ball) 2000-Up	1	
144567A	.....Piston Kit, 5L40E (BMW) Low/Reverse Clutch (Bonded)(8 Finger Spring) 2000-Up.....	1	
144568A	.....Piston Kit, 5L40E (BMW) 2nd Clutch (5 5/16"OD Bonded Piston) 2000-Up	1	
144568C	.....Piston Kit, 5L40E (Cadillac) 2nd Clutch (5 1/16"OD Bonded Piston) 2003-Up	1	
144569A	.....Piston Kit, 5L40E Coast Clutch (Bonded) 2000-Up	1	
144570A	.....Hub W/Shaft, 5L40E (BMW) Reverse/Overdrive Clutch (36 Teeth Hub)(30 Splines To Sun Gear, .....1.495"OD Of Splines) 2000-Up	1	
144570C	.....Hub W/Shaft, 5L40E (Cadillac) Reverse/Overdrive Clutch (36 Teeth Hub)(31 Splines To Sun.....Gear, 1.555"OD Of Splines) 2003-Up	1	
144575A	.....Hub W/Shaft, 5L40E (BMW) Direct Clutch (The Rear Bushing Is Down 1 1/16" From End.....Of Shaft) 2000-Up	1	
144575C	.....Hub W/Shaft, 5L40E (Cadillac) Direct Clutch (The Rear Bushing Is Down 3/4" From.....End Of Shaft) 2003-Up.....	1	96042700
144577A	.....Hub, 5L40E Low/Reverse Clutch (With Low Sprag Inner Race) 2000-Up.....	1	
144579A	.....Hub, 5L40E (BMW) 2nd Coast Clutch (2.515" Tall) 2000-Up.....	1	
144579C	.....Hub, 5L40E (Cadillac) 2nd Coast Clutch (2.575" Tall) 2003-Up.....	1	
144584A	.....Planet, 5L40E (BMW) 1 Groove On Small Gears (Housing Is Cast Iron & Stamped.....Steel) 2000-Up	1	
144584C	.....Planet, 5L40E (Cadillac) Has No Grooves On Small Gear (Housing Is Stamped Steel) .....2003-Up	1	96042817
144594A	.....Ring Gear, 5L40E (BMW) Planet (106 Teeth Left Angled) 24 Outer Parking Lugs (1 Groove.....On Parking Lugs) 2000-Up	1	
144594AA	.....Ring Gear, 5L40E (BMW) Planet (106 Teeth, Left Angled)(24 Outer Parking Lugs)(2 Grooves.....On Parking Lugs)(1.990" Tall) 2000-Up	1	
144594BA	.....Ring Gear, 5L40E (BMW) Planet (107 Teeth Right Angled) 36 Outer Lugs (No Groove.....On OD) 2000-Up	1	
144594BC	.....Ring Gear, 5L40E (Cadillac) Planet (110 Teeth Right Angled) 36 Outer Lugs (1 Groove.....On The OD) 2003-Up	1	
144594C	.....Ring Gear, 5L40E (Cadillac) Planet (114 Teeth Left Angled) 24 Outer Parking Lugs .....(No Groove On Parking Lugs) 2003-Up.....	1	
144632A	.....Center Support, 5L40E (BMW) (6 Teeth, 2nd Coast Steels) 2000-Up.....	1	
144632C	.....Center Support, 5L40E (Cadillac) (36 Teeth, 2nd Coast Steels) 2003-Up.....	1	96042816

PART #	SPRAGS & ONE WAY CLUTCHES	QTY	REFERENCE #
144652A	Use 144658	1	
144654A	Sprag W/End Washers, 5L40E (BMW) Low (26 Lugs) (The Cage Is 1/2 Plastic & 1/2 Metal) 2000-Up (Can Use 144654C)	1	
144654C	Sprag W/End Washers, 5L40E (Cadillac) Low (26 Lugs) (This Cage Is All Metal) 2003-Up (Can Use 144654A)	1	
PART #	HARD PARTS (Continued)	QTY	REFERENCE #
144656A	Sprag W/End Washers, 5L40E (BMW) 2nd Clutch (28 Lugs) (The Cage Is 1/2 Plastic & 1/2 Metal) 2000-Up (Can Use 144656C)	1	
144656C	Sprag W/End Washers, 5L40E (Cadillac) 2nd Clutch (32 Lugs) (The Cage Is All Metal) 2003-Up (Can Use 144656A)	1	
144658A	Sprag W/End Washers, 5L40E (BMW) Forward (26 Lugs) 2000-Up (Cage Is 1/2 Plastic & 1/2 Metal) Also Fits Intermediate Sprag (Can Use 144658C)	1-2	
144658C	Sprag W/End Washers, 5L40E (Cadillac) Forward (26 Lugs) 2003-Up (Cage Is All Metal) Also Fits Intermediate Sprag (Can Use 144658A)	1-2	
144663A	Outer Race, 5L40E Intermediate Sprag (With 24 Teeth Hub) 2000-Up	1	
144665A	Outer Race, 5L40E Low Sprag (28 Lugs) 2000-Up	1	
144667A	Outer Race W/Hub, 5L40E 2nd Clutch Sprag (With 24 Teeth 2nd Clutch Hub) 2000-Up	1	
144668A	Inner Sprag Race W/Hub, 5L40E Forward Sprag (24 Teeth Hub) 2000-Up	1	
144669A	Outer Race/Hub, 5L40E Forward Sprag (24 Teeth Hub) 2000-Up	1	
144674A	Shaft, 5L40E (BMW) Input Sun Gear (11 1/2" Long) 2000-Up (The Rear Bushing Surface For Bushing #049 Is 1 11/16" Long)	1	
144674C	Shaft, 5L40E (Cadillac) Input Sun Gear (11 1/2" Long) 2003-Up (The Rear Bushing Surface For Bushing #049 Is 1 9/16" Long)	1	
144678A	Output Shaft, 5L40E 2WD (6 3/4" Long) (106 Teeth Ring Gear Hub) Bolt-On Type Yoke With 1 3/16" Long Pilot(24 Yoke Splines) 2000-Up	1	
144678AA	Output Shaft, 5L40E 2WD (5 9/16" Long)(106 Teeth Ring Gear Hub)(Bolt On Type Yoke, No Pilot)(24 Yoke Splines) 2000-Up	1	
144678AB	Output Shaft, 5L40E 4x4 (4 3/8" LOnG)(106 Teeth Ring Gear Hub)(43 Yoke Splines) 2000-Up	1	
144678AC	Output Shaft, 5L40E 2WD (12 3/16" Long)(106 Teeth Ring Gear Hub)(Slip On Type Yoke) (27 Yoke Splines) 2000-Up	1	
144678C	Output Shaft, 5L40E 2WD (6 3/4" Long)(114 Teeth Ring Gear Hub) (Bolt-On Type Yoke, With 1 3/16" Long Pilot)(24 Yoke Splines) 2003-Up	1	96042813
144694A	Retainer, 5L40E Holds Low Sprag To Low/Reverse Clutch Hub (Stepped) (Crimped On) 2000-Up	1	
144694B	Retainer, 5L40E 2nd Clutch Sprag (Tin) (.040" Thick) 2000-Up	1	
144695A	Spacer, 5L40E Intermediate Sprag To Low Sprag (.160" Thick) 2000-Up (1.686"ID & 1.750"OD)	1	
144740C	Valve Body, 5L40E (Cadillac) 5 Switch (Aluminum W/4 Accumulators) 2003-Up	1	96042963
PART #	VALVE BODY COMPONENTS	QTY	REFERENCE #
S144741CK	Valve & Sleeve Kit, 5L40E TCC Regulator (Contains: Valve, Sleeve, Spring, Solenoid Protector And 2 Retaining Clips) (Sonnax)(Must Use Reamer T-F-55211-TL4)	1	
T-F-55211-TL4	Reamer, Jig & Guide Pin For S144741CK (Sonnax)	1	
A144741FK	Actuator Feed Limit Valve Repair, 5L40E (And Pressure Regulator Valve Repair)(Transgo) (Repairs 3 Transmissions)(Contains: Pressure Valve, Spring & Seat, Limit Valve, 3 Springs And Reamer)(Also With Forward & Coast Clutch Piston Seal Protectors)	1	
A144741FK-R	Refills For A144741FK (Repairs 5 Transmissions)(Less Tools)(Transgo)	1	
A144741FK	Valve & Sleeve Kit, 5L40E AFL (Actuator Feed Limit) (Contains Valve, Sleeve, Spring & Retaining Clip) (Sonnax) (Must Use Reamer # T-F-55211-TL)	1	
T-F-55211-TL	Reamers, Jig & Guide Pin For S144741FK (Sonnax)	1	
S144741PAK	Valve & Sleeve Kit, 5L40E Pressure Regulator (Contains: Valve, Sleeve, & Spring Pin)(Sonnax) (Use Tool # T-55211-TL8)	1	
T-55211-TL8	Reamer, For S144741PAK	1	
S144741UAK	Reverse Lockout Kit, 5L40E (Sonnax)(Contains: Reverse Lockout Valve, Sleeve & Spring) (Must Use T-F-55211-TL)	1	
T-F-55211-TL	Reamers, Jig & Guide Pin For S144741FK & S144741UAK (Sonnax)	1	
PART #	HARD PARTS (Continued)	QTY	REFERENCE #
144750A	Bell Housing, 5L40E (BMW) 5" Top Bolts (Starter At 11:00) (Cast # 96023586) 2000-Up	1	
144750AAK	Bell Housing/Pump Assembly, 5L40E (BMW)(5 1/2" Top Bolts)(Starter At 1:00) (Bell Cast # 96021232)(6 5/8" From Front To O-Ring #311 Surface)(Stator Cast # 96 022 417) (3 3/8" Long Shaft From Front Of Splines To Aluminum Body) 2000-Up	1	

144750C	Bell Housing, 5L40E (Cadillac) 5 1/2" Top Bolts (Starter At 1:00) Square At 6:00 (Cast # 96022419) 2003-Up	1	96042812
144750CAK	Bell Housing/Pump Assembly, 5L40E (Cadillac)(5 1/8" Top Bolts)(Starter At 3:30) (Bell Cast # P89-1)(5 1/2" From Front To O-Ring #311 Surface)(Stator Has A 3 3/16" Long Shaft From Front Of Splines To Aluminum Body) 2003-Up	1	
144760A	Case, 5L40E (BMW) Uses A 10 3/8" Linkage Shaft (#991-4) 2000-Up	1	
144760C	Case, 5L40E (Cadillac) Uses A 3 3/4" Linkage Shaft (#991-4) 2003-Up	1	
144765A	Pan, 5L40E (BMW) Bottom (20 Bolt) (1 5/8" At Deep End) 2000-Up	1	
144765C	Pan, 5L40E (Cadillac) Bottom (20 Bolt) (2" At Deep End) 2003-Up	1	96042546
144770A	Extention Housing, 5L40E (BMW) (With 2 Threaded Mounting Holes Below The Rear Seal) 2000-Up	1	
144770C	Extention Housing, 5L40E (Cadillac) (With 2 Slotted Mounting Holes Below The Rear Seal & 2 Threaded Holes Below Gasket Surface)	1	
144776AK	Bolt Set, 5L40E Bell Housing To Case (7 Pieces) 2000-Up (Also Fits Extention Housing To Case)	1	
144778AK	Bolt Set, 5L40E Stator To Bell Housing (11 Pieces) 2000-Up	1	
144779AK	Bolt Set, 5L40E Bottom Pan To Case (20 Pieces) 2000-Up	1	
144782AK	Bolt Set, 5L40E Valve Body To Case (9 Pieces) 2000-Up	1	
144787AK	Bolt Set, 5L40E Front Seal To Bell Housing (2 Pieces) 2000-Up	1	
144798A	Nut, 5L40E Output Shaft Yoke 2000-Up	1	96041805
144841A	Yoke, 5L40E Output Shaft (3 Bolt) (1.770"OD Seal Surface) 2000-Up	1	
144843CA	Bracket, 5L40E (Cadillac) TFT (Temperature Sensor) 2003-Up	1	
144860A	Snap Ring, 5L40E Holds Overdrive/Intermediate Housing In Case 2000-Up (Beveled) .146" Thick (8 3/8"OD With Eyelets)	1	
144861AA	Snap Ring, 5L40E Holds Overdrive Pressure Plate In (Selective) 2000-Up (Also 5L40E Holds Reverse Clutch Pressure Plate In # 892 2000-Up)	1	
144862A	Snap Ring, 5L40E Holds Overdrive Clutch Return Spring In 2000-Up	1	
144863AA	Snap Ring, 5L40E Holds 2nd Coast Clutch Pressure Plate In (Selective) (7 5/16"OD) 2000-Up	1	
144864AA	Use 144873AA	1	
144864CA	Use 144876AA	1	
144865A	Snap Ring, 5L40E Holds 2nd Clutch Spring Retainer In 2000-Up	1	
144871A	Snap Ring, 5L40E Holds Coast Clutch Piston Retainer In 2000-Up	1	
144873AA	Snap Ring, 5L40E Holds Intermediate Clutch Pressure Plate In (Selective) 2000-Up (Also 5L40E Holds 2nd Clutch Pressure Plate In (Selective) # 864) 2000-Up	1	
144874A	Snap Ring, 5L40E Holds Intermediate Piston Housing To The Overdrive & Intermediate Clutch Housing 2000-Up	1	
144876AA	Snap Ring, 5L40E Holds Forward Clutch Pressure Plate In (Selective) 2000-Up (Also 5L40E (Cadillac) Holds 2nd Clutch Pressure Plate In # 864) 2000-Up	1	
144878AA	Snap Ring, 5L40E Holds Direct Clutch Pressure Plate In (Selective) 2000-Up (Also 5L40E Holds Low/Reverse Clutch Pressure Plate In (Selective) # 885) 2000-Up	1-2	
144879A	Snap Ring, 5L40E Holds Direct Clutch Retainer In 2000-Up	1	
144881A	Snap Ring, 5L40E Holds Forward Sprag Inner Race To Shaft 2000-Up	1	
144883A	Snap Ring, 5L40E (BMW) Holds 2nd Coast Clutch Return Spring In 2000-Up	1	
144883C	Use 144878AA	1	
144884A	Snap Ring, 5L40E Holds Bearing #250 To Planet 2000-Up	1	
144885A	Use 144878	1	
144892AA	Use 144861AA	1	
144893A	Snap Ring, 5L40E Holds Low/Reverse Clutch Return Spring In 2000-Up	1	
144894A	Snap Ring, 5L40E Holds Ring Gear To Output Shaft 2000-Up	1	
144895A	Snap Ring, 5L40E Yoke Spacer (.067" Thick) (1.664"OD) 2000-Up	1	
144960A	Piston, 5L40E Overdrive Clutch (Bonded) (.273" Thick) 2000-Up	1	
144960AK	Piston Kit, 5L40E AWD (Bonded) 1995-05 (Kit Contains 9 Pistons)	1	
144960CK	Piston Kit, 5L40E 2WD (Bonded) 1999-05 (Contains: 11 Bonded Pistons)	1	
144962A	Piston, 5L40E Intermediate Clutch (Bonded) (.725" Thick) 2000-Up	1	
144962B	Piston Housing, 5L40E Intermediate Clutch (Steel) (24 Outer Lugs) 2000-Up	1	
144963A	Piston, 5L40E (BMW) 2nd Coast Clutch (Bonded) (2.70" Thick) 2000-Up	1	
144963C	Piston, 5L40E (Cadillac) 2nd Coast Clutch (Bonded) (.305" Thick) 2003-Up	1	
144964A	Piston, 5L40E Forward Clutch (Bonded) (5.145"OD) 2000-Up	1	
144965A	Piston, 5L40E Direct Clutch (Bonded With Check Ball) 2000-Up	1	
144966A	Piston/Housing, 5L40E (BMW) Reverse Clutch (Stamped Steel, Bonded) 2000-Up (Also The Direct Clutch Housing, 4 Clutch)	1-2	
144966C	Piston/Housing, 5L40E (Cadillac) Reverse Clutch (Stamped Steel, Bonded) 2003-Up (2.395" Tall) (Also The Direct Clutch Housing, 4 Clutch)	1-2	
144967A	Piston, 5L40E Low/Reverse Clutch (Bonded) 2000-Up	1	
144968A	Piston, 5L40E (BMW) 2nd Clutch (Bonded) (5 5/16"OD) 2000-Up	1	
144968C	Piston, 5L40E (Cadillac) 2nd Clutch (Bonded) (5 1/16"OD) 2003-Up	1	
144969A	Piston, 5L40E Coast Clutch (Bonded With Check Ball) (4.775"OD) 2000-Up	1	
144970A	Spring, 5L40E Overdrive Clutch Return (.032" Thick) 2000-Up	1	
144972A	Spring, 5L40E Intermediate Clutch Return (32 Springs) 2000-Up	1	

5L40E / 5L50E

RWD 5 Speed

General Motors

PART #	HARD PARTS (Continued)	QTY	REFERENCE #
144973A	Spring, 5L40E (BMW) 2nd Coast Clutch Return (7"OD) 2000-Up	1	
144973C	Spring, 5L40E (Cadillac) 2nd Coast Clutch Return (6 13/16"OD) 2003-Up	1	
144975A	Spring, 5L40E Direct Clutch Return (16 Fingers) (.069") 2000-Up	1	
144977A	Spring, 5L40E (BMW) Low/Reverse Clutch Return (.075" Thick)(8 Fingers) 2000-Up	1	
144978A	Spring, 5L40E (BMW) 2nd Clutch Return (.792" Thick) (3.970"OD) With Built-In Retainer 2000-Up	1	
144978C	Spring, 5L40E (Cadillac) 2nd Clutch Return (.730" Thick) (3.800"OD) (Uses A Separate Tin Retainer #988) 2003-Up	1	
144979A	Springs W/Retainer, 5L40E Coast Clutch Return 2000-Up	1	
144985A	Retainer, 5L40E Direct Clutch Return Spring (4 OD Tabs) 2000-Up	1	
144988C	Retainer, 5L40E (Cadillac) 2nd Clutch Spring (Tin) 2003-Up	1	
144991A-4	Manual Shaft, 5L40E (BMW) (10 3/4" Long) 2000-Up	1	
144991C-2	Spring, 5L40E (Cadillac) Detent (Rooster Comb) (6 1/4") 2003-Up	1	96042712
144991C-3	Rooster Comb, 5L40E (Cadillac) 2003-Up	1	96042819
144991C-4	Manual Shaft, 5L40E (Cadillac) (3 3/4" Long) 2003-Up	1	96042544
144992C	Shift Lever, 5L40E (Cadillac) External (3" Long) 2003-Up	1	
144994C	Park Rod Actuator, 5L40E (Cadillac) (9 3/4" Long) 2003-Up	1	
144995A	Park Pawl Assembly, 5L40E (5 Pieces) 2000-Up	1	96042820

