





GM TH180/C (3-Spd.) & 4L30-E (ML4) 4-Spd

ILL. NO.	PART NUMBER	PER CAR	DESCRIPTION	YEARS
---	TM4L30E		Technical Manual	1990-On
REBUILDER BOX KITS, STEEL PLATE KITS, OVERHAUL KITS AND GASKET SETS				
---	K6400-S		Master Kit (w/o Steels) TH180/C (Order Ext. Seal for Tracker/Sidekick Separately)	1969-On
---	K6400F-S ^{1,2}		Master Kit (w/o Steels) 4L30-E, Except Below	1990-97
---	K6400G-S ¹		Master Kit (w/o Steels) 4L30-E w/.065" Third Clutch Frictions	1992-On
---	K6400-9		Steel Plate Kit TH180/C	1971-On
---	K6400F-9		Steel Plate Kit 4L30-E	1990-On
---	K64900 ¹		Overhaul Kit TH180/C	1969-On
---	K64900F ¹		Overhaul Kit 4L30-E	1990-On
---	K64900C-1		Gasket and Rubber Kit TH180/C	1969-On
---	K64900F-1 ¹		Gasket and Rubber Kit 4L30-E	1990-On
---	K64900F-8		External Seal-Up Kit 4L30-E	1990-On
---	K64900F-3		Valve Body Gasket Set 4L30-E	1990-On
			¹ Kits do not include the Overrun Clutch bonded rubber piston (64846) nor the 4th clutch molded accumulator cover (64829F), please order these separately.	
			² Some 4L30-E units may have been built with .065" 3rd clutch frictions; if you have a unit with these thin frictions, please order K6400G-S .	
GASKET AND RUBBER COMPONENTS				
1E	64170	1	Pan Gasket (TH180/C) Duraprene	1969-On
1E	64170F	1	Pan Gasket (4L30-E, Except BMW) Duraprene	1990-On
1E	64170G	1	Pan Gasket (4L30-E BMW) Duraprene	1992-On
2E	64171F	1	Adapter Pan Gasket (4L30-E) Duraprene	1990-On
3A	3601SL	12	Front Pump Bolt Washer Seal All	1969-On
4A	64100	1	Pump Lathe Cut Seal All	1969-On
---	64100	1	Adapter to Case Lathe Cut Seal 4L30-E	1990-On
5A	64101	1	Pump Gasket TH180/C	1969-On
5A	64101F	1	Pump Gasket 4L30-E	1990-On
6A	46130	1	Input Shaft O'Ring All	1969-On
7B	64104F	2	O.D. Adapter Plate Gasket 4L30-E	1990-91
7B	64104G	2	O.D. Adapter Plate Gasket 4L30-E	1992-On
10D/E	3410L	1-3	Electrical Connectors to Case & Speedo Sleeve O'Ring	1990-On
13D	64110F	1	Extension Housing Gasket 4L30-E	1990-On
---	64120	1	Oil Filter Gasket TH180/C	1969-On
14E	3291L	1	Filler Tube O'Ring TH180/C	1969-On
14E	44141	1	Filler Tube Lip Seal 4L30-E	1990-On
METAL CLAD SEALS				
22A	44526	1	Front Pump TH180/C	1969-On
22A	64526F	1	Front Pump 4L30-E	1990-On
23D	45551	1	Extension Housing TH180/C, Except Geo and Suzuki	1969-On
23D	64551C	1	Extension Housing TH180/C (Geo / Suzuki)	1989-On
23D	81551E	1	Adapter Housing TH180/C (Geo / Suzuki)	1989-On
23D	64551F	1	Extension Housing 4L30-E	1990-On
24E	44507	1	Manual Lever TH180/C	1969-On
24E	46507A	1	Manual Lever 4L30-E	1990-On
SEALING RINGS				
---	K64901	1	Sealing Ring Kit TH180/C	1969-On
---	K64901F	1	Sealing Ring Kit 4L30-E	1990-On
---	64200	2	Front Pump TH180/C	1969-On

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TH180 / 4L30E

ILL. NO.	PART NUMBER	PER CAR	DESCRIPTION	YEARS
SEALING RINGS - Cont'd.				
26A	64202T	2	Turbine Shaft (Front) 4L30-E	1990-On
27A	45201ST	1	Turbine Shaft (Rear) 4L30-E	1990-On
28B	64203T	2	Center Support 4L30-E	1990-On
29D	64205	1-3	Governor Hub/Parking Lock All	1969-On
31E	64201	1	Low Servo All	1969-On
--	34711	1	Accumulator TH180/C	1969-On
CLUTCH PLATES				
32A	64310F	2-3	Overdrive Clutch Friction 36T, .088" - 6.703" O.D.	1990-On
33A	64311F	3-4	Overdrive Clutch Steel 6T, .083" - 5.827" I.D.	1990-On
34B	64306F	2	Overrun Friction 40T, .088" - 5.099" O.D.	1990-On
35B	64307F	2	Overrun Steel 36T, .083" - 3.957" I.D.	1990-On
36C	64321	2-5	Reverse Clutch Friction 36T, .098" - 6.400" O.D.	1969-On
37C	64322A	3-6	Reverse Clutch Steel 7T, .085" - 5.680" I.D.	1971-On
37C	64322B	AR	Reverse Clutch Steel Waved Cushion	1971-On
38C	64304	2-6	Second Friction 30T, .098" - 5.218" O.D.	1969-On
39C	64305	AR	Second Steel 36T, .070" - 5.218" O.D.	1971-On
39C	64305A	3-7	Second Steel 36T, .085" - 4.300" I.D.	1971-On
42C	64308	2-5	Third Friction 12T, .098" - 3.875" O.D.	1969-On
42C	64308G	5-6	Third Friction 12T, .065" - 3.875" O.D.	1992-On
43C	64309	AR	Third Steel 30T, .070" - 2.863" I.D.	1971-On
43C	64309A	3-6	Third Steel 30T, .085" - 2.863" I.D.	1971-On
BANDS				
44D	64714	1	Low Band All	1969-On
BUSHINGS				
--	K64980	1	Bushing Assortment Kit (* Not Included) TH180/C	1969-On
--	K64980F	1	Bushing Assortment Kit (* Not Included) 4L30-E	1990-On
45A	8005	1	Front Pump Bushing TH180/C	1969-On
45A	64005F	1	Front Pump Bushing 4L30-E	1990-On
46A	45001	1	Stator Support (Front) All	1969-On
47A	64015	1	Stator Support (Rear) TH180/C	1969-On
47A	64015F	1	Stator Support (Rear) 4L30-E	1990-On
48A	45011R	1	Overrun Clutch Housing 4L30-E	1990-On
49B	46008	1	O/D Planetary 4L30-E	1990-On
50B	64009F	1	Center Support 4L30-E	1990-On
51C	64006	1	Second Clutch Drum All	1969-On
52C	64004F	1	3rd Clutch Shaft 4L30-E	1990-On
54D	64007	1	Sun Gear/Low Drum All	1969-On
55D	64003	1	Case All	1969-On
55D	64003Y*	1	Case ("No-Walk") All	1969-On
56D	8008*	1	Extension Housing Babbitt	1969-On
56D	45008	1	Extension Housing Bronze	1969-On
56D	45008T*	1	Extension Housing Teflon	1969-On
--	47054E	1	Servo Bore Sleeve (Northland) 4L30-E	1990-On
THRUST WASHERS AND BEARINGS				
--	K64940F	1	Thrust Washer Kit (w/Selectives) All	1969-On
59A/B	K64400FW	1	Front Pump & Adapter Support Kit (3 Tab Bi-Metal w/Selective Shims, Will Replace Below)	1969-On
59A/B	64400F	1-2	Front Pump & Adapter Support (3 Tabs)072"	1969-On

GM TH180/C (3-Spd.) & 4L30-E (ML4) 4-Spd. - Cont'd.

ILL. NO.	PART NUMBER	PER CAR	DESCRIPTION	YEARS
WASHERS AND BEARINGS - Cont'd				
59A/B	64400FA	1-2	Front Pump & Adapter Support (3 Tabs)078"	1969-On
59A/B	64400FB	1-2	Front Pump & Adapter Support (3 Tabs)083"	1969-On
59A/B	64400FC	1-2	Front Pump & Adapter Support (3 Tabs)088"	1969-On
59A/B	64400FD	1-2	Front Pump & Adapter Support (3 Tabs)093"	1969-On
60B	45413R	1	O/D Planetary to Ring Gear Bearing 4L30-E	1990-On
61B	64402F	1	O/D Ring Gear (Rear) Washer 4L30-E	1990-On
62C	64404	1	2nd Hub Washer All	1969-On
63C	64405	1	Input Shaft Hub/3rd Clutch Drum Washer All	1969-On
64C	K64421	1	Input Sun Gear Thrust Bearing and Washer Kit All	1969-On
65D	64422	1	Input Sun Gear to Output Shaft Bearing All	1969-On
66D	K64423	1	Rear Sun Gear Thrust Bearing and Washer Kit All	1969-On
67D	K64423	1	Rear Drum Thrust Bearing and Washer Kit All	1969-On
TRANSMISSION OIL FILTERS				
69E	64800	1	Oil Filter TH180/C	1969-On
69E	64600H	1	Oil Filter (w/.500" Inlet & Updated Outlet) Isuzu / Honda	1990-On
69E	64600G	1	Oil Filter (w/.675" Inlet) BMW / Cadillac	1992-On
70E	ATK-214	1	Oil Filter Kit (w/.500" Inlet) Isuzu / Honda	1990-On
70E	ATK-138	1	Oil Filter Kit (w/.675" Inlet) BMW / Cadillac	1992-On
---	64610	1	PWM Screen (In Main V.B., See page 1.33-10) 4L30-E	1990-On
---	64611	1	EPC Screen (In Auxiliary V.B., See page 1.33-10) 4L30-E	1990-On
VACUUM MODULATORS				
---	64820B	1	Modulator (Double Green Stripe) TH180/C (Unbroached)	1980-On
---	64820C	1	Modulator (Purple Stripe) TH180/C (Geo & Suzuki)	1989-On
MOLDED PISTONS				
75A	64846	1	Overrun Clutch Piston (4L30-E, Molded Rubber) 1990-On	
76A	64829F	1	4th Clutch Accumulator Piston Cover (4L30-E, Molded Rubber) 1990-On	
SPRAGS AND ROLLER CLUTCHES				
79A	45815R	1	Overdrive Roller Clutch 4L30-E	1990-On
80D	51814	1	Third Clutch Sprag All	1969-On
SHIFT ENHANCEMENTS AND VALVES				
---	K64946	1	Valve Body Kit (TH180/C - TransGo, Replaces Broken Springs and Pins) 1969-On	
---	K64944F	1	Shift Kit (4L30-E) TransGo 1990-On Addresses: Band Failure and Direct Clutch Burn-Up, Converts 2-Valve Pump for 4-Valve Pump Applications, Eliminates Code 1870 in PWM Units, Includes Tightly Toleranced Center Support Bushing and Driver and Pump Alignment Tool.	
---	ST64944F	1	Shift Correction Package (4L30-E) Superior 1990-On Addresses: Bell-Housing Gasket Blow-Out, Weak Shifts, TCC Chatter, Repairs Case Leakage in Servo Bore and Improves Overall Performance.	
---	ST64944FTL	1	Shift Correction Package (4L30-E) TransLab Version 1990-On	
---	K64889F ³	1	P.R. Boost Valve and Sleeve . Large Ratio - .649"- Replaces OEM Ink Mark 264 1990-On	
---	K64889FA ³	1	P.R. Boost Valve and Sleeve Medium Ratio - .630"- Replaces OEM Ink Mark 448 1990-On	
---	K64889FB ³	1	P.R. Boost Valve and Sleeve .. Small Ratio - .564"- Replaces OEM Ink Mark 066 1990-On	
---	K64889FC ³	1	P.R. Boost Valve and Sleeve .. Small Ratio - .570"- Replaces OEM Ink Mark 067 1990-On ³ 4L30-E, Addresses Low Line Pressure, Soft Shifts, Delayed Reverse and Burnt Clutches.	
---	K64887F	1	TCC Regulator Valve Sleeve Kit (4L30-E PWM Units Only, Code 1870 TCC Slip) 2000-On	
134D	K64742W	1	Accumulator Pin Kit (All - Sonnax, Oversized, Includes 10 Pins and Reamer) 1990-On Addresses: Burned Clutches and Band.	

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TH180 / 4L30E

ILL. NO.	PART NUMBER	PER CAR	DESCRIPTION	YEARS
ELECTRONIC COMPONENTS				
81E	33879A	1	Force Motor (EPC) Solenoid (In Auxiliary V.B., Holley - Small Black Body)	1990-On
81E	64879F	1	Force Motor (EPC) Solenoid (In Auxiliary V.B., Bosch - Large Silver Body)	1990-On
81E	58879	1	Force Motor (EPC) Solenoid (In Aux. V.B., Bosch - Sml. Silver Body w/Black Conn.) ...	2000-On
---	64870A	1	TCC Solenoid (TH180C) Normally Closed	1982-On
82E	64870F	1	TCC Solenoid (In Auxiliary V.B.) Normally Closed, Bolt-On	1990-On
82E	33870	1	TCC Solenoid (In Auxiliary V.B.) Normally Closed, Push-in	2000-On
83E	64871	1	"A" Shift Solenoid (1-2 & 3-4) Normally Closed - #593	1990-On
84E	64872	1	"B" Shift Solenoid (2-3) Normally Open - #224	1990-On
85E	64873	1	Band Control Solenoid	1990-On
86E	64869F	1	Internal Wiring Harness (Case Side, w/V6 -Except BMW)	1990-99
86E	64869F	1	Internal Wiring Harness (Case Side, w/4 Cylinder - Except BMW)	1990-01
86E	64869J	1	Internal Wiring Harness (Case Side, w/V6 - Except BMW)	2000-On
86E	64869J	1	Internal Wiring Harness (Case Side, w/4 Cylinder - Except BMW)	2002-On
87E	64869FA	1	Internal Wiring Harness (O/D Side, w/V6 - Except BMW)	1990-99
87E	64869FA	1	Internal Wiring Harness (O/D Side, w/4 Cylinder - Except BMW)	1990-01
87E	64869JA	1	Internal Wiring Harness (O/D Side, w/V6 - Except BMW)	2000-On
87E	64869JA	1	Internal Wiring Harness (O/D Side, w/4 Cylinder - Except BMW)	2002-On
87E	64869JB	1	Internal Wiring Harness (O/D Side, Units w/Push-in TCC Solenoid)	2000-On
---	64869G	1	Internal Wiring Harness (BMW)	1992-On
---	45878	1	Converter Clutch Connector (TH180C) 3-Prong	1982-On
---	51878	1	Converter Clutch Connector (TH180C) 4-Prong	1982-On
88D	51878	1	Case Connector 4-Prong	1990-99
88D	64878J	1	Case Connector (Isuzu/Honda w/V6) 7-Prong	2000-On
88D	64878J	1	Case Connector (Isuzu/Honda w/4 Cylinder) 7-Prong	2002-On
89E	52878A	1	O/D Side Connector 5-Prong	1990-99
89E	52878A	1	O/D Side Connector (Isuzu/Honda w/4 Cylinder) 5-Prong	2000-01
89E	51878	1	O/D Side Connector (Isuzu/Honda w/4 Cylinder) 4-Prong	2002-On
89E	51878	1	O/D Side Connector (Isuzu/Honda w/V6) 4-Prong	2000-On
---	64876F	1	Output Speed Sensor (Except BMW)	1990-On
HARD PARTS & MISCELLANEOUS				
Note : When ordering Hard Parts, please add the appropriate suffix : (-R) Reman, (-U) Used, (-A) Aftermarket.				
100A	K64965	1	Pump Gear Set (.626") 4L30-E	1990-On
101A	K64895F	1	Pump Stator and Gears (2-Valve) 4L30-E	1990-On
101A	K64895J	1	Pump Stator and Gears (4-Valve) 4L30-E	2000-On
105A	64806F	1	Overrun Drum 4L30-E	1990-On
110B	64855F	1	Overdrive Sun Gear 4L30-E	1990-On
111B	64834F	1	Overdrive Planet 4L30-E	1990-On
112B	64854F	1	Overdrive Ring Gear 4L30-E	1990-On
115B	64808F	1	Center Support (1-Valve) 4L30-E	1990-On
115B	64808G	1	Center Support (2-Valve) 4L30-E	1990-On
120C	64802F	1	2nd Clutch Drum 4L30-E	1990-On
126C	64803F	1	3rd Clutch Drum and Shaft 4L30-E	1990-On
130D	K64835F ⁴	1	Geartrain Kit 4L30-E (Isuzu/Honda 2WD)	1990-On
130D	K64835H ⁴	1	Geartrain Kit 4L30-E (Isuzu/Honda 4WD)	1990-On
130D	K64835G ⁴	1	Geartrain Kit 4L30-E (BMW w/.550" Diameter Yoke Pilot)	1992-On
130D	K64835GA ⁴	1	Geartrain Kit 4L30-E (BMW w/.640" Diameter Yoke Pilot)	1992-On
130D	K64835J ⁴	1	Geartrain Kit 4L30-E (Cadillac)	1997-On
⁴ Geartrain Kits Include: Ill.# 124C (Ring Gear), 128C (Frt. Sun Gear), 130D (Rear Planet), 131D (Rear Sun Gear)				
132D	64801F		Low Band Drum 4L30-E	1990-On
134D	K64742W ⁵	1	Accumulator Pin Kit (All - Sonnax, Oversized, Includes 10 Pins and Reamer)	1969-On
⁵ Addresses: Burned Clutches and Band.				
135D	64828FHD ⁶	1	Low Band Super Servo (Superior) 4L30-E	1990-On
⁶ Addresses: Increases Forward Engagement Pressure to Reduce Band Failure.				
150E	45-102	1	Reman Valve Body 4L30-E (Isuzu)	1990-On