





# Toyota A750E/F (RWD/AWD 5-Spd)

VEHICLE MODEL	YEARS	ENGINE	TRANS TYPE	BANNER KIT	STEEL KIT
<b>TOYOTA:</b>					
FJ Crusier	2006-On	4.0 Litre	A750F	K7200M-S	K7200M-9
Sequoia	2005-07	4.7 Litre	A750E/F	K7200M-S	K7200M-9
Tacoma	2005-On	4.0 Litre	A750E/F	K7200M-S	K7200M-9
Tundra	2005-On	4.7 Litre	A750E/F	K7200M-S <sup>1</sup>	K7200M-9
4-Runner (2WD)	2003-On	4.0/4.7 Litre	A750E	K7200M-S	K7200M-9
4-Runner (4WD)	2003-On	4.0/4.7 Litre	A750F	K7200M-S	K7200M-9
Landcruiser	2003-07	All	A750F	K7200M-S	K7200M-9
<b>SUZUKI:</b>					
Grand Vitara	2005-11	2.7 Litre	A750E/F	K7200M-S	K7200M-9
<b>LEXUS:</b>					
GX/LX470	2003-09	4.7 Litre	A750F	K7200M-S	K7200M-9
ILL. NO.	PART NUMBER	PER CAR	DESCRIPTION	YEARS	
<b>OVERHAUL KITS AND GASKET SETS</b>					
---	K72900M <sup>1</sup>		Overhaul Kit .....	A750E/F .....	2003-On
---	K72900M-3		Valve Body Gasket Set.....	A750E/F .....	2003-On
<sup>1</sup> For 2007-On Tundra 4WD, please order <b>72553MA</b> Adapter Seal separately if needed.					
<b>GASKET AND RUBBER COMPONENTS</b>					
1F	72170M	1	Oil Pan Gasket .....		2003-On
3A	72100M	1	Front Pump O'Ring.....		2003-On
<b>METAL CLAD SEALS</b>					
10A	67526V	1	Front Pump (Viton) .....		2003-On
11C	72551	1	Extension Housing (40x58x11mm) .....	A750E (2WD) .....	2003-On
---	72553B	1	Adapter Housing .....	A750F (4WD), LX470 & Landcruiser .....	2003-On
---	72553M	1	Adapter Housing .....	A750F (4WD), Except LX470, Landcruiser & Tundra '07-On .....	2003-On
---	74552	1	Adapter Housing .....	A750F (4WD) Tundra .....	2007-On
12E	68504	2	Manual Lever.....		2003-On
<b>SEALING RINGS</b>					
---	K72901M	1	Sealing Ring Kit.....	A750E/F .....	2003-On
<b>CLUTCH PLATES</b>					
20A	72302M	5-6	Direct Friction .....	36 Teeth, .059" - 6.372" O.D. ....	2003-On
21A	72303M	5-6	Direct Steel.....	24 Teeth, .071" - 5.866" I.D. ....	2003-On
27B	72304M	6-7	Forward Friction .....	30 Teeth, .074" - 4.712" O.D. ....	2003-On
28B	72305M	5-6	Forward Steel.....	24 Teeth, .071" - 4.173" I.D. ....	2003-On
31B	72306M	5	Reverse Clutch Friction .....	40 Teeth, .059" - 6.367" O.D. ....	2003-On
32B	72303MA	4	Reverse Clutch Steel.....	24 Teeth, .095" - 5.866" I.D. ....	2003-On
35C	72308M	4	3rd Brake Friction (Wide Spline) .....	40 Teeth, .074" - 6.439" O.D. ....	2003-On
35C	72308N	4	3rd Brake Friction (Narrow Spline, Non-US) .....	40 Teeth, .074" - 6.439" O.D. (Not in Kits).....	2005-On
36C	72309N	4	3rd Brake Steel.....	16 Teeth, .079" - 5.194" I.D. ....	2003-On
38D	72300M	3-4	1st Brake Friction .....	40 Teeth, .075" - 6.233" O.D. ....	2003-On
39D	72301M	3-4	1st Brake Steel.....	13 Teeth, .094" - 5.527" I.D. ....	2003-On

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<b>CLUTCH PLATES - Cont'd.</b>				
41D	<b>72312M</b>	3	2nd Brake Friction ..... <b>40 Teeth, .063" - 5.444" OD</b> .....	2003-On
42D	<b>72313M</b>	3	2nd Brake Steel..... <b>12/24 Teeth, .079" - 4.537" ID</b> .....	2003-On
45E	<b>72321N</b>	8	4th Brake (Low/Reverse) Friction..... <b>48 Teeth, .068" - 5.528" OD</b> .....	2003-On
46E	<b>72322M</b>	7	4th Brake (Low/Reverse) Steel ..... <b>16 Teeth, .070" - 4.922" ID</b> .....	2003-On
<b>BUSHINGS</b>				
50A	<b>67005</b>	1	Front Pump.....	2003-On
60C	<b>72008M</b>	1	Extesion Housing .....	2003-On
<b>TRANSMISSION OIL FILTERS</b>				
75F	<b>72600M</b>	1	Oil Filter ..... <b>A750E/F</b> .....	2003-On
76F	<b>ATK-251</b>	1	Oil Filter Kit..... <b>A750E/F</b> .....	2003-On
<b>See Catalog Page 13.27-1 for Visual Filter Identification.</b>				
<b>MOLDED RUBBER PISTONS</b>				
84A	<b>72847M</b>	1	Direct Clutch Piston Retainer ( <b>Molded Rubber</b> ) .....	2003-On
---	<b>72848M</b>	1	Forward Clutch Piston Retainer ( <b>Molded Rubber</b> ) .....	2003-On
<b>SHIFT ENHANCEMENTS, VALVE BODIES</b>				
---	<b>K72944MRT</b>	1	Valve Body Kit ( <b>RatioTek</b> ) ..... <b>Stock Vehicles</b> .....	2003-On
---	<b>K72944MHD</b>	1	Valve Body Kit ( <b>RatioTek</b> ) ..... <b>Vehicles with TRD Blowers and NOS</b> .....	2003-On
<b>Provides:</b> Quick Clean Shifts and More Converter Clutch Holding Power.				
---	<b>K72944M</b>	1	Shift Kit ( <b>TransGo, with Reamer - Repairs 1 Unit</b> ) .....	2003-On
---	<b>K72944M-RF 1</b>	1	<b>Valve Refill Kit for K72944M (TransGo, No Reamer - Repairs 1 Unit) .....</b>	<b>2003-On</b>
<b>Addresses:</b> Worn Valve Body Bore that sets TCC Codes, 2-3 Flare and Rough Kickdown.				
---	<b>K72889M</b>	1	Boost Valve Assembly ( <b>Sonnax, Low Line in D, High Line in Reverse</b> ) .....	2003-On
---	<b>K72887M</b>	1	Lock-Up Control Plunger Valve and Sleeve Kit ( <b>Sonnax, RPM Surge</b> ) .....	2003-On
---	<b>K72881M</b>	1	Accumulator Control Plunger Valve and Sleeve ( <b>Sonnax, Harsh Shifts &amp; Codes</b> ) .....	2003-On
---	<b>K72788M</b>	1	O'Ringed End Plug Kit ( <b>Sonnax, Pressure Loss</b> ) .....	2003-On
---	<b>K14780W</b>	1	O'Ringed Accumulator Piston Kit ( <b>Sonnax</b> ) .....	2003-On
<b>Addresses:</b> Delayed Engagements, Slipping and Burned Clutches.				
<b>ELECTRONIC COMPONENTS</b>				
<b>Note : When ordering a Solenoid, please add the (-R) suffix for a Remanufactured Unit, if desired.</b>				
90F	<b>72871M</b>	1	Shift Solenoid 1 "A" ( <b>On/Off</b> ) ..... <b>Green Connector</b> .....	2003-On
91F	<b>72872M</b>	1	Shift Solenoid 2 "B" ( <b>On/Off</b> ) ..... <b>Black Connector, Short Black Snout</b> .....	2003-On
92F	<b>72873M</b>	1	Pressure Control Solenoid A "SL1" ( <b>PWM</b> ) <b>Black Conn, Small Body</b> .....	2003-On
93F	<b>72873M</b>	1	Pressure Control Solenoid B "SL2" ( <b>PWM</b> ) <b>Black Conn, Small Body</b> .....	2003-On
94F	<b>72874M</b>	1	Shift Solenoid E "SR" ( <b>PWM</b> ) <b>Black Connector, Two Bolt Holes on Bracket</b> .....	2003-On
95F	<b>72870M</b>	1	TCC Solenoid "SLU" ( <b>PWM</b> ) ..... <b>Gray Connector - Large Connector</b> .....	2003-On
<b>95F</b>	<b>72870MA</b>	<b>1</b>	<b>TCC Solenoid "SLU" (PWM) ..... Gray Connector - Small Connector .....</b>	<b>2003-On</b>
96F	<b>72879M</b>	1	EPC Solenoid "SLT" ( <b>PWM</b> ) <b>Black Connector, Large Body - Large Connector</b> .....	2003-On
<b>96F</b>	<b>72879MA</b>	<b>1</b>	<b>EPC Solenoid "SLT" (PWM) Black Connector, Large Body -Small Connector .....</b>	<b>2003-On</b>
---	<b>72878M</b>	1	Trans Fluid Temp Sensor #1 .....	2003-On
---	<b>72878MA</b>	1	Trans Fluid Temp Sensor #2 .....	2003-On
100D	<b>72869M</b>	1	Internal Wiring Harness (w/Large Connector).....	2003-On
101C	<b>72875M</b>	1	Input Speed Sensor.....	2003-On
102C	<b>72875M</b>	1	Output Speed Sensor.....	2003-On
103D	<b>72877M</b>	1	Neutral Safety Switch ( <b>7-Pin, 2-Blade Connector</b> ) .....	2003-On
<b>HARD PARTS</b>				
150F	<b>70-118A</b>	1	Reman Valve Body ( <b>Large Connector Solenoids</b> ) ...	2003-On
150F	<b>70-118B</b>	1	Reman Valve Body ( <b>Small Connector Solenoids</b> ) ....	2003-On