





# Toyota U660E/F & U760E/F Series (FWD 6-Speed)

VEHICLE MODEL	YEARS	ENGINE	DRIVE TRAIN	TRANS. TYPE
Lexus ES350	2007-112	3.5 Litre	FWD	<b>U660E</b>
Lexus RX350	2010-12	3.5 Litre	FWD/AWD	<b>U660E/F</b>
Lexus RX	2010-12	2.7 Litre	FWD/AWD	<b>U760E/F</b>
Toyota Avalon	2008-10	3.5 Litre	FWD	<b>U660E</b>
Toyota Camry	2007-12	3.5 Litre	FWD	<b>U660E</b>
Toyota Highlander	2009-12	3.5 Litre	FWD/AWD	<b>U660E/F</b>
Toyota Highlander	2010-12	2.7 Litre	FWD/AWD	<b>U760E/F</b>
Toyota RAV4	2009-12	2.0, 2.2 & 3.5 Litre	FWD	<b>U660E</b>
Toyota Scion tc	2012	2.5 Litre	FWD/AWD	<b>U760E/F</b>
Toyota Sienna	2011-12	3.5 Litre	FWD/AWD	<b>U660E/F</b>
Toyota Sienna	2011-12	2.7 Litre	FWD/AWD	<b>U760E/F</b>
Toyota Venza	2009-11	3.5 Litre	FWD	<b>U660E</b>
Toyota Venza	2010-12	2.7 Litre	FWD	<b>U760E</b>

IIL. NO.	PART NUMBER	PER CAR	DESCRIPTION	YEARS
<b>REBUILDER BOX KITS</b>				
---	<b>K1600-S</b> <sup>1</sup>		Master Kit (w/o Steels).....	<b>U660</b> ..... 2007-On
---	<b>K1600E-S</b> <sup>1</sup>		Master Kit (w/o Steels).....	<b>U760</b> ..... 2008-On
<b>Steel Plate Sub-Kits:</b>				
---	<b>K1600-9</b>		Steel Plate Kit .....	<b>U660</b> ..... 2007-On
---	<b>K1600E-9</b>		Steel Plate Kit .....	<b>U760</b> ..... 2008-On
<sup>1</sup> Kits <b>do not</b> include the molded rubber pistons, please order <b>K16900-4</b> (U660) or <b>K16900E-4</b> (U760) separately.				

<b>OVERHAUL KITS</b>				
---	<b>K16900</b> <sup>1</sup>		Overhaul Kit .....	<b>U660</b> ..... 2007-On
---	<b>K16900E</b> <sup>1</sup>		Overhaul Kit .....	<b>U760</b> ..... 2008-On

<b>GASKET AND RUBBER COMPONENTS</b>				
1D	<b>16170</b>	1	Pan Gasket .....	<b>U660</b> ..... 2007-On
1D	<b>16170E</b>	1	Pan Gasket .....	<b>U760</b> ..... 2008-On

<b>METAL CLAD SEALS</b>				
10B	<b>16526</b>	1	Front Pump (Viton) .....	<b>All</b> ..... 2007-On
11A	<b>83551</b>	1	Right Axle .....	<b>All</b> ..... 2007-On
12C	<b>14551B</b>	1	Left Axle .....	<b>All</b> ..... 2007-On
13D	<b>68504</b>	1	Manual Lever Shaft .....	<b>All</b> ..... 2007-On

<b>SEALING RINGS</b>				
---	<b>K16901</b>	1	Sealing Ring Kit .....	<b>All</b> ..... 2007-On
20A	<b>16200T</b>	3	Input Clutch ( <b>Teflon</b> ) .....	<b>All</b> ..... 2007-On
22E	<b>14203P</b>	2	Direct Clutch ( <b>PEEK</b> ) .....	<b>All</b> ..... 2007-On
---	<b>16202P</b>	1	Intermediate Clutch ( <b>PEEK</b> ) .....	<b>All</b> ..... 2007-On

<b>CLUTCH PLATES (U660)</b>				
30B	<b>16308</b>	4	2nd/6th Brake ( <b>B1</b> ) Friction .....	<b>40T, .073" - 6.982" O.D.</b> ..... 2007-On
31B	<b>16309</b>	4	2nd/6th Brake ( <b>B1</b> ) Steel .....	<b>11T, .073" - 6.045" I.D.</b> ..... 2007-On
33B	<b>16308</b>	3	3rd/5th/Reverse ( <b>B3</b> ) Friction .....	<b>40T, .073" - 6.982" O.D.</b> ..... 2007-On
34B	<b>16309A</b>	2	3rd/5th/Reverse ( <b>B3</b> ) Steel .....	<b>11T, .087" - 6.045" I.D.</b> ..... 2007-On
36C	<b>16321</b>	5	1st/Reverse ( <b>B2</b> ) Friction .....	<b>40T, .060" - 7.242" O.D.</b> ..... 2007-On
37C	<b>16322</b>	5	1st/Reverse ( <b>B2</b> ) Steel .....	<b>16T, .063" - 6.430" I.D.</b> ..... 2007-On
38C	<b>16304</b>	4	4th/5th/6th ( <b>C2</b> ) Friction .....	<b>40T, .071" - 6.552" O.D.</b> ..... 2007-On
39C	<b>16305A</b>	4	4th/5th/6th ( <b>C2</b> ) Steel .....	<b>40T, .085" - 5.674" I.D.</b> ..... 2007-On
42D	<b>16304</b>	4	1st/2nd/3rd ( <b>C1</b> ) Friction .....	<b>40T, .071" - 6.552" O.D.</b> ..... 2007-On
43D	<b>16305</b>	4	1st/2nd/3rd ( <b>C1</b> ) Steel .....	<b>40T, .071" - 5.674" I.D.</b> ..... 2007-On

# Toyota U660E/F & U760E/F Series (FWD 6-Speed)

Toyota U660 / 760E

ILL. NO.	PART NUMBER	PER CAR	DESCRIPTION	YEARS
<b>BUSHINGS (U660)</b>				
---	<b>K16980</b>	1	Bushing Assortment Kit .....	2007-On
---	<b>16005</b>	1	Pump Bushing .....	2007-On
<b>SPRAGS (U660)</b>				
74C	<b>16814</b>	1	Sprag .....	2007-On
<b>TRANSMISSION OIL FILTERS</b>				
75D	<b>16600</b> <sup>2</sup>	1	Oil Filter .....	<b>U660</b> ..... 2007-On
75D	<b>16600E</b>	1	Oil Filter .....	<b>U760</b> ..... 2008-On
76D	<b>ATK-270</b>	1	Oil Filter Kit .....	<b>U660</b> ..... 2007-On
<sup>2</sup> Please See Filter Pictures on Page 13.11-1 for Visual Identification.				
<b>MOLDED RUBBER PISTONS (U660)</b>				
---	<b>K16900-4</b>	1	Molded Rubber Piston Kit .....	<b>U660</b> ..... 2007-On
---	<b>K16900E-4</b>	1	Molded Rubber Piston Kit .....	<b>U760</b> ..... 2008-On
81B	<b>16843</b>	1	3rd/5th/Rev Piston ( <b>Molded Rubber</b> ) .....	2007-On
84D	<b>K16841</b>	1	1st/2nd/3rd Piston and Retainer Kit ( <b>Molded Rubber</b> ) .....	2007-On
85E	<b>K16844</b>	1	4th/5th/6th Piston and Retainer Kit ( <b>Molded Rubber</b> ) .....	2007-On
<b>ELECTRONIC COMPONENTS (U660)</b>				
Note : When ordering a Solenoid, please add the (-R) suffix for a Remanufactured Unit, if Desired.				
90E	<b>16871</b>	1	Shift Solenoid ( <b>SL1</b> ) ..... <b>Brown Connector - Large Body</b> .....	2007-On
91E	<b>16872</b>	1	Shift Solenoid ( <b>SL2</b> ) ..... <b>Black Connector - Large Body</b> .....	2007-On
92E	<b>16871</b>	1	Shift Solenoid ( <b>SL3</b> ) ..... <b>Brown Connector - Large Body</b> .....	2007-On
93E	<b>16872</b>	1	Shift Solenoid ( <b>SL4</b> ) ..... <b>Black Connector - Large Body</b> .....	2007-On
94E	<b>16870</b>	1	TCC Solenoid ( <b>SL</b> ) ..... <b>Blue Connector w/Bracket</b> .....	2007-On
95E	<b>16874</b>	1	TCC Pressure Solenoid ( <b>SLU</b> ) ..... <b>Small Body</b> .....	2007-On
96E	<b>16879</b>	1	Line Pressure Solenoid ( <b>SLT</b> ) ..... <b>Small Body</b> .....	2007-On
97E	<b>16869</b>	1	Internal Wiring Harness .....	2007-On
98D	<b>16878</b>	1	Case Connector to Wiring Harness Adapter .....	2007-On
99D	<b>K16875</b>	1	Input & Output Speed Sensor Assembly .....	2007-On
100E	<b>16878T</b>	1	Pressure Switch Manifold w/TOT .....	2007-On
101D	<b>16877</b>	1	Inhibitor Switch .....	2007-On
<b>HARD PARTS &amp; MISCELLANEOUS (U660)</b>				
Note : When ordering Hard Parts, please add the appropriate suffix : (-R) Reman, (-U) Used, (-A) Aftermarket.				
---	<b>K16944</b>	1	<b>Shift Kit (TransGo) .....</b>	<b>2007-On</b>
<b>Addresses: No Reverse HOT, 2-3 Cutloose, Shuttle Shifting, Slips with Throttle in 3rd and 4th, TCC Codes, No TCC and Rough TCC.</b>				
105A	<b>16834</b>	1	Underdrive Planetary .....	2007-On
106A	<b>16865</b>	1	Underdrive Sun Gear .....	2007-On
107A	<b>16864</b>	1	Underdrive Ring Gear .....	2007-On
118B	<b>16895</b>	1	Pump Body and Gears .....	2007-On
119B	<b>K16895</b>	1	Pump Assembly .....	2007-On
130C	<b>16833</b>	1	Output Planetary .....	2007-On
131C	<b>16859</b>	1	Output Ring Gear .....	2007-On
132C	<b>16858</b>	1	Output Ring Gear Hub .....	2007-On
136D	<b>16860</b>	1	Output Sun Gear and Hub .....	2007-On
140D	<b>16801</b>	1	1st/2nd/3rd Drum .....	2007-On
147E	<b>16825</b>	1	Rear Cover .....	2007-On
150E	<b>70-120A</b>	1	Reman Valve Body .....	2007-On