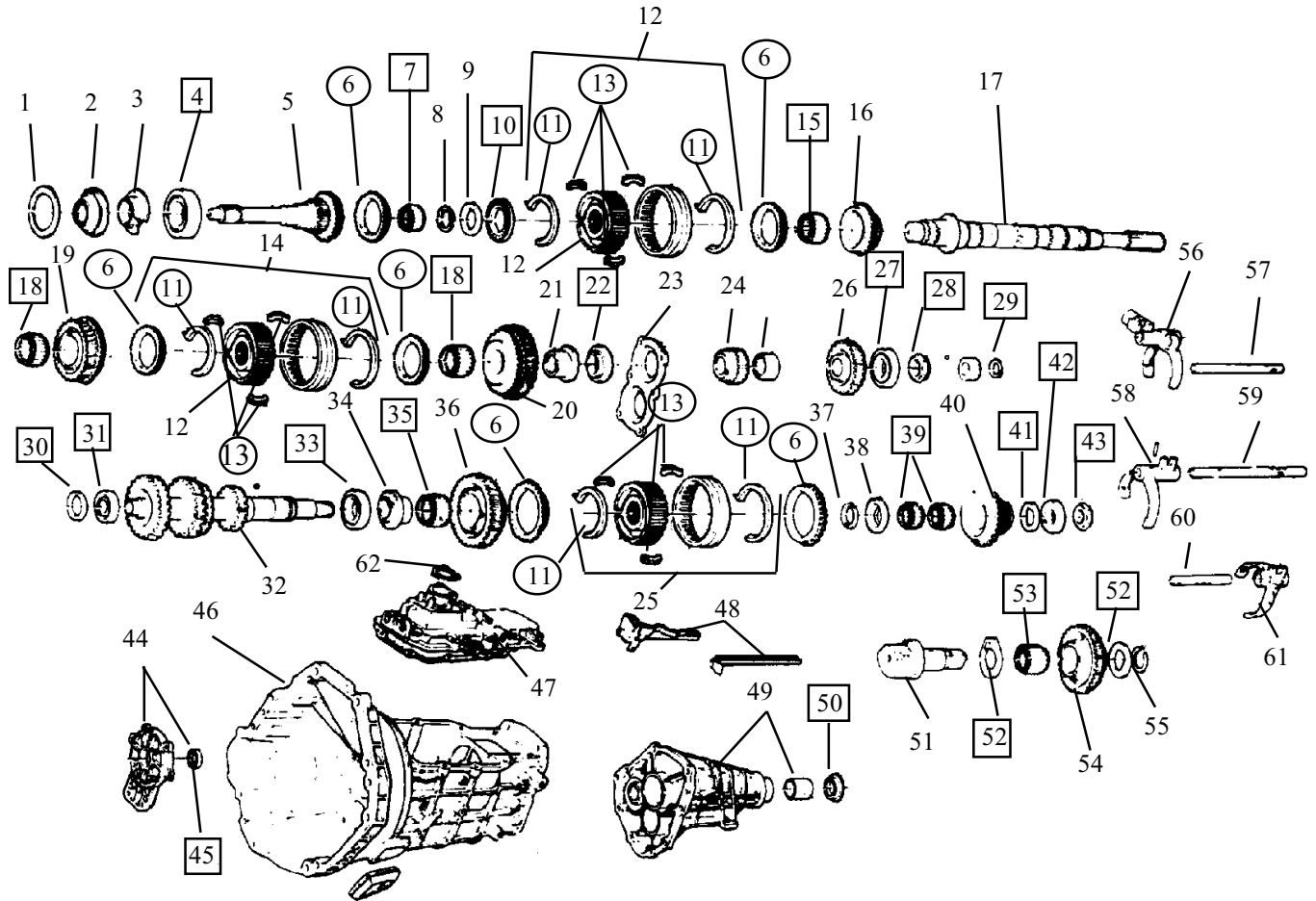


# Toyo Kogyo Mazda Transmission

## 1988-98 Aerostar, Bronco II, Explorer, Ranger



Part	Index	Description	Notes
E8TZ7029C	1	Selective Shim	Aerostar, Bronco II, Explorer, Ranger
FOTZ7391C	2	Oil Guide	Aerostar, Bronco II, Explorer, Ranger
E8TZ7046A	3	Oil Ring	Aerostar, Bronco II, Explorer, Ranger
E8TZ7025A	4	Input Shaft Bearing	Aerostar, Bronco II, Explorer, Ranger
FOTZ7017B	5	Input Shaft	10 7/8" OA, L23 T, 22(42) S, 23 Spl, 1.0 Spl Afkmt# M5R1-16 88-93 V4 & 2.9 V6, 94-97 Ranger except below
FOTZ7017A	5	Input Shaft	10 7/8" OA, L23 T, 22(42) S, 23 Spl, 1.00 Spl Dia Afkmt# M5R3-16 V6 4.0L Eng, 94-97 Explr, Ranger ID#'s F27A-UA, VA, XA, F57A-AE, FA
F1TZ7107E	6	Syn Blk Rng-1,2,3,4	36(42) Teeth; 4 per; 3 1/2" OD 1988-92
TK-5	6	Syn Blk Rng- 5th	36 T-Aerostar, Bronco II, Explorer, Ranger 88-92
TK-R	6	Syn Blk Rng- Rev	30(36) T-Aerostar, Bronco II, Explorer, Ranger 88-92
F1TZ7017C	6	Syn Blk Ring	1993 & up
F1TZ7107A	6	Syn Blk Ring	used w/ 5th & Rev upgrade kit-FOTZ7C391D
FOTZ7120A	7	Needle Bearing	Aerostar, Bronco II, Explorer, Ranger
E8TZ7030A	8	Selective Snap Ring	As Required
E8TZ7N112A	9	Spacer	Aerostar, Bronco II, Explorer, Ranger- 1993-97
E8TZ7N112B	9	Spacer	Aerostar, Bronco II, Explorer, Ranger- 1988-92
E8TZ7C096A	10	Thrust Bearing	Aerostar, Explorer, Ranger 1988-92
E8TZ7C096B	10	Thrust Bearing	Aerostar, Explorer, Ranger 1993-97

Part	Index	Description	Notes
E8TZ7109B	11	Synchro Spring (6 Req)	1988-92 Aerostar,Bronco II,Explorer,Ranger- 93-97 contained in item 12
F1TZ7124E	12	Synchro Assy-3rd & 4th	S42T 32 Spl- 1988-91 Aerostar, Bronco II, Explorer, Ran- 1992 Aerostar
F2TZ7124C	12	Synchro Assy-3rd & 4th	1992 & 1993 4 Cyl & V6 4.0 Explr,Ran, 1994-97 Explr, 1994-97 Ranger
F2TZ7124B	12	Synchro Assy-3rd & 4th	1993-97 Aerostar
F2TZ7124A	12	Synchro Assy-3rd & 4th	1993 Explr,Ranger 4 Cyl, V6 3.0L, 1994-97 Ranger
E69Z7A044A	13	Synchro Key- 1st thru 4th	Aerostar,Bronco,Bronco II,Explr, Ranger-(4 Req) 1988-1997
E69Z7A044A	13	Synchro Key- 5th & Rev	Aerostar,Bronco,Bronco II,Explr, Ranger-(2 Req) 1988-1992
F1TZ7A044A	13	Synchro Key- 5th & Rev	Aerostar,Bronco,Bronco II,Explr, Ranger-(2 Req) 1993-97
F1TZ7124A	14	Synchro Assy-1st & 2nd	S42T 40 Spl- Aerostar, Bronco II, Explorer, Ranger 1988-97
E8TZ7127A	15	Needle Bearing	Aerostar,Bronco II,Explorer, Ranger- 1988-97
E8TZ7101A	16	3rd Speed Gear	L29 T,42 S- Aerostar,Bronco II,Explorer,Ranger 88-97 except below
FOTZ7101A	16	3rd Speed Gear	L27 T,42 S- 4.0L ,94-97 Exp & Ranger ID#F27A-YA,ZA,F57A-EA,FA
E8TZ7061A	17	Mainshaft	1988-92
FOTZ7061A	17	Mainshaft	4X2,21 3/4" OA 32-40-34-34-28 Spl, 93-97 Aer,Exp w/Spl & Tprd End 93 Ran 4x2,94-97 Ran IDF27A-UA,XA,F27A-YA (w/ Spl & Tprd End)
F1TZ7061A	17	Mainshaft	4X4,21 1/2" OA 32-40-34-34-28 Spl, 1993-97 Aerstr w/o Spl & Tprd End 1994-97 Explr,Ranger w/o Spl or Tapped End
E8TZ7061B	17	Mainshaft-20" OA	93-94 Exp,Ran 4X4,32-40-34-34-25 Spl-94-97 Exp, Ran All exc above
E8TZ7133A	18	Needle Bearing	2 required
E8TZ7102A	19	2nd Speed Gear	L48T,42 S-1988-93 Aerostar,Bronco II,Explorer,Ranger All except below
FOTZ7102A	19	2nd Speed Gear	L32T,51 S- 1988-93 4.0L,1994-97 Exp,Ran ID#F27A-YA,ZA,F57A-EA,FA
E8TZ7100D	20	1st Gear	L38T,51S- 88-93 Aer,Brn II,Exp,Ran- 2.9L -1994-97 Aerostar,Ran
F3TZ7100A	20	1st Gear	L35T,42 S- 1988-93 4.0L,94-97 Exp,Ran ID#F27A-YA,ZA,F57A-EA,FA
E8TZ7173A	21	1st Gear Sleeve	Aerostar,Bronco II,Explorer, Ranger 1993-97
E8TZ7173C	21	1st Gear Sleeve	1988-92 All
30207X	22	M/S Center Bearing	Aerostar,Bronco II,Explorer, Ranger 1988-97-OEM#E8TZ7118B
E8TZ7118A	22	M/S Center Bearing	1988-92 All
E8TZ7085A	23	M/S Brg Retainer	Aerostar,Bronco II,Explorer, Ranger 1988-97
E8TZ7112A	24	5th Speed Gear	L23 T,34 Spl-88-93 Aer,Brn II,Exp,Ran 4 Cyl & 2.9L V6, 94-97 Exp,Ran
FOTZ7112A	24	5th Speed Gear	88-93 Aerostar,Bronco II,Explr,Ran 4.0L , 1994-97 Aero,Explr, Ranger ID#F27A-YA,ZA,F57A-EA,FA
FOTZ7C391C	25	Synchro Assy-5th & Rev	S36T 29 Spl- 1988-97 Aerostar, Bronco II, Explorer, Ranger
F1TZ7124C	25	Synchro Assy-5th & Rev	1992 Aer,Explr,Ran, 1994-97 Explr,Ranger ID#F57A-EA,FA & Ranger ID#F57A-BA,CA,DA
FOTZ7C391D	25	Synchro Assy-5th & Rev	1993 Exp,Ran 4.0L, 1994-97 Aer 4.0L,Exp ID#F27A-EA,FA,Ran V6 4.0L
E8TZ7142A	26	M/S Reverse Gear	L35 T, 34 Spl-Aerostar, Bronco II, Explorer, Ranger 1988-97
6207	27	Rear M/S Bearing	Aerostar,Bronco II,Explorer, Ranger 1988-97 OEM#E8TZ7R205A
E8TZ7B364A	28	Locking Nut	
E8TZ7059A	29	Snap Ring	
E8TZ7C434A	30	Selective Spacer	Aerostar,Bronco II,Explorer,Ranger 1988-97
E8TZ7065D	31	Front C/S Bearing	Aerostar,Bronco II,Explorer,Ranger 1988-97 Interchange #2205
E8TZ7113D	32	Counter Cluster Gear	R38-32-24-16-29S 1988-93 Aerostar,Bronco II,Explr,Ranger 4 Cyl, 2.9L, 1994-97 Aerostar,Ranger- Aftmkt# M5R1-8
FOTZ7113A	32	Counter Cluster Gear	R38-34-25-17-29S- 1988-93 4L, Aktmkt# M5R3-8 1994-97 Explorer, Ranger ID#F27A-YA,ZA,F57A-EA,FA
E8TZ7121A	33	Center C/S Brgs	1988-97 Aerostar,Bronco II,Explorer, Ranger
E8TZ7173D	34	C/S Sleeve	
E8TZ7R130A	35	Needle Bearing	
FOTZ7C391C	NI	C/S OD Gear Upgrade Kit	1988-90 Aerostar,Bronco II,Explorer,Ranger 4 Cyl, V6 2.9L
FOTZ7C391D	NI	C/S OD Gear Upgrade Kit	1988-90 Aerostar,Bronco II,Explorer,Ranger V6 4.0L Engine
F1TZ7158A	36	C/S Overdrive Gear	1991-97 Aerostar,Bronco II,Explorer,Ranger 4 Cyl, V6 2.9L
F1TZ7158B	36	C/S Overdrive Gear	1991-97 Aerostar,Bronco II,Explorer,Ranger V6 4.0L

Part	Index	Description	Notes
E8TZ7R482A	37	Sel Thrust 1/2 Wshr	
E8TZ7C340D	38	Sel Thrust Washer	
E8TZ7N270A	39	Needle Bearing	Aerostar,Bronco II,Explorer, Ranger (2 Req)
F1TZ7N040C	40	C/S Reverse Gear	R17T-30S, 1991-98 Aerostar,Bronco II,Explorer,Ranger 4 Cyl 2,9L
F1TZ7N040B	40	C/S Reverse Gear	1991-98 Aerostar,Bronco II,Explorer,Ranger V6 4.0L
E8TZ7L324B	41	Thrust Washer	1988-97
E8TZ7D283A	42	Rear C/S Bearing	
E8TZ7N170A	43	Locking Nut	
E8TZ7050A	44	Front Brg Retainer	Aerostar,Bronco II,Explorer, Ranger 1988-97
E8TZ7052A	45	Front Input Oil Seal	1988-92 Aerostar,Bronco II,Explorer, Ranger
FOTZ7005A	46	Transmission Case	1988-92, Aerostar, Explorer, Ranger 4 Cyl 1993-95
E19Z7005A	46	Transmission Case	3.0L V6 Engine- Starter on Right- 3 Hole 94-97 Aerostar,Ranger
E8TZ7005K	46	Transmission Case	4.0L V6 Engine- Starter on Left- 2 Hole 94-97 Explorer, Ranger ID#F27A-YA,ZA,F57A-EA,FA
E8TZ7222A	47	Top Shift Cover	88-93 Aerostar,Explorer,Ranger V6 3.0L,94-97 Aerostar
E8TZ7222D	47	Top Shift Cover	1993 Aerostar,Explorer,Ran V6 4.0L 1994-97 Explorer ID#F27A-EA,FA, Ranger ID#F27A-YA,ZA
E8TZ7222C	47	Top Shift Cover	1988-92 Bronco II,Explorer,Ranger
FOTZ7222A	47	Top Shift Cover	1993 Aerostar, Explorer, Ran 4 Cyl, 1994-97 ID#F27A-YA,ZA,F37A-AA
F5TZ7222A	47	Top Shift Cover	1994-97 Explorer ID#F57A-EA,FA & Ran ID#F57A-BA,CA,DA,EA,FA
E8TZ7A174C	48	Oil Trough- Front	1988-97 Aerostar, Bronco II, Explorer, Ranger
E8TZ7A174A	48	Oil Trough- Rear	1988-97 Aerostar, Bronco II, Explorer, Ranger
E8TZ7A039A	49	Extension Housing	1988-93, 1994-97 Aerostar w/ Speedo Hole, Explorer,Ranger 4x2
F2TZ7A039A	49	Extension Housing	1994-97 Aerostar w/o Speedo Hole
E8TZ7A039B	49	Extension Housing	1994-97 Explorer, Ranger 4X4
7692S	50	Extension Hsg Oil Seal	1988-93 4x2,1994-97 Aerostar,Explorer,Ranger 4x2,OEM#E8TZ7052C
E8TZ7052D	50	Extension Hsg Oil Seal	1988-93 Bronco II, Explorer, Ran 4X4, 1994-97 Explorer, Ran 4x4
F1TZ7140A	51	Rev Idler Shaft	Aerostar, Bronco II, Explorer, Ranger 1988-97
E8TZ7N037A	52	Rev Idler Thrust Washer	1988-97 Aerostar,Bronco II,Explorer, Ranger- Front
E8TZ7N037B	52	Rev Idler Thrust Washer	1988-97 Aerostar,Bronco II,Explorer, Ranger- Rear
E8TZ7E139A	53	Needle Bearing	Aerostar,Bronco II,Explorer,Ranger
E8TZ7141A	54	Reverse Idler Gear	L29 T(3/4" W) Aerostar, Bronco II, Explr, Ran,V4,V6 2.9L, 3.0L
FOTZ7141A	54	Reverse Idler Gear	L29 T(1" W) Aerostar, Bronco II, Explr, Ran, V6 4.0L
E8TZ7156A	55	Selective Snap Ring	Aerostar, Bronco II, Explorer, Ranger
E8TZ7230A	56	Shift Fork-1st & 2nd	Aerostar, Bronco II, Explorer, Ranger 1988-97
E8TZ7240A	57	Shift Rail-1st & 2nd	1988-93 Aerostar, Bronco II, Explorer, Ranger- 94-97 Aerostar
E8TZ7240E	57	Shift Rail-1st & 2nd	1994-97 Explorer,Ranger except below
F5TZ7240A	57	Shift Rail-1st & 2nd	1994-97 Explorer,Ranger ID#F57A-EA,FA
E8TZ7231B	58	Shift Fork-3rd & 4th	1988-97 Aerostar
E8TZ7231A	58	Shift Fork-3rd & 4th	1988-93 Bronco II, Explorer, Ranger- 1994-97 Explorer,Ranger
E8TZ7241A	59	Shift Rail-3rd & 4th	1988-93 Aerostar, Bronco II, Explorer, Ranger- 1994-97 Aerostar
E8TZ7241D	59	Shift Rail-3rd & 4th	1994-97 Explorer,Ranger except below
F5TZ7241A	59	Shift Rail-3rd & 4th	1994-97 Explorer,Ranger ID#F57A-EA,FA
E8TZ7242A	60	Shift Rail-5th & Rev	1988-93 Aerostar, Bronco II, Explorer, Ranger
F1TZ7242A	60	Shift Rail-5th & Rev	1994-97 Aerostar,Explorer,Ranger
FOTZ7C391C	61	Shift Fork-5th & Rev	Kit w/ other items-1988-93 Aerostar, Bronco II, Explorer, Ranger
F1TZ7289B	61	Shift Fork-5th & Rev	1994-97 Aerostar,Bronco II,Explorer,Ranger
F5TZ7228A	62	Ball Socket	Blue
990005	NI	Gasket Compound	
990003	NI	Loctite	
T12-88F	NI	Bearing Kit	Aerostar, Bronco II, Explorer, Ranger