

AUTOMATIC TRANSMISSION (A750F)

SS026-03

TORQUE SPECIFICATION

Part tightened		N·m	kgf·cm	ft·lbf
No.1 vehicle speed sensor x Transfer case		16	160	12
No.2 vehicle speed sensor x Transmission case	NT	5.4	55	48 in.·lbf
	SP2	5.4	55	48 in.·lbf
ATF temperature sensor (for linear control) x Valve body		11	112	8
ATF temperature sensor (for oil temp warning lamp) x Valve body		10	100	7
ATF temperature sensor x Transmission case		5.4	55	48 in.·lbf
Park/neutral position switch	Bolt	13	130	9
	Nut	3.9	40	35 in.·lbf
Transmission control shaft lever x Transmission control rod		13	130	9
Shift solenoid lock plate x Valve body		6.4	65	57 in.·lbf
Shift solenoid S1 S2 x Valve body		10	102	7
Shift solenoid SR x Valve body		6.4	65	57 in.·lbf
Valve body x Transmission case		11	110	8
Oil stainer x Valve body		10	100	7
Oil pan x Transmission case		4.4	55	39 in.·lbf
Drain plug x Oil pan		20	204	15
Overflow plug x Oil pan		20	204	15
Refill plug x Transmission case		39	400	29
Parking lock pawl bracket x Transmission case		7.4	75	65 in.·lbf
Shift lever assembly x Body		8.3	85	73 in.·lbf
Control lever x Shift lever plate		13	130	9
Transmission control rod x Shift lever assembly		13	130	9
Shift lever guide housing x Shift lever plate		4.9	50	43 in.·lbf
Power steering oil cooler sub-assy x Body		7.5	76	66 in.·lbf
Oil cooler bracket x Body		12	117	8
Oil cooler bracket x Oil cooler		5.0	51	44 in.·lbf
Oil cooler pipe x Body		5.0	51	44 in.·lbf
Engine No. 1 and No. 2 under cover x Body		29	296	21
Transfer shift lever x Transfer shift lever rod assembly		12	122	9
Transfer shift lever boot x Body		5.4	55	48 in.·lbf
Hole plug x Transmission housing		18	185	13
Drive plate x Torque converter clutch		48	490	35
Oil cooler pipe union nut		34	347	25
Crossmember	Bolt	50	510	37
	Nut	74	750	54
Engine mounting insulator rear x Transmission case		59	600	43
Transmission housing x Engine	Bolt A	71	724	52
	Bolt B	37	377	27
Drive plate x Crankshaft	1st	49	500	36
	2nd	Turn 90°	Turn 90°	Turn 90°
Starter x Engine block	(1HD Only)	37	380	27
Front exhaust pipe x Exhaust manifold	(1HD Only)	62	630	46
Front exhaust pipe x Center exhaust pipe	(1HD Only)	40	408	29

LAND CRUISER (W/G) SUP (RM1072E)

SERVICE SPECIFICATIONS – AUTOMATIC TRANSMISSION (A750F)

Stiffener plate x Engine block	(1HD Only)	68	693	50
Oil cooler tube clamp x Clamp	(1HD Only)	12	122	9
LH and RH front exhaust pipe x Exhaust manifold	(2UZ Only)	62	630	46
LH and RH front exhaust pipe x Center exhaust pipe	(2UZ Only)	40	408	29