030AA–22

TORQUE SPECIFICATION

Part Tightened		N·m	kgf·cm	ft·lbf
A343F				
Park/neutral position switch	Bolt	13	130	9
	Nut	6.9	70	61 in.·lbf
Heat insulator x Park/neutral position switch		7.5	76	66 in.·lbf
Transmission control cable assy x Automatic transmission		14	143	10
Transmission control cable bracket No.1 x Automatic transmission		28	286	21
Engine mounting insulator rear No.1 x Automatic transmission		18	184	13
Automatic transmission x Engine	17 mm head	71	720	53
	14 mm head	37	380	27
Torque converter clutch assy x Drive plate		48	490	35
Wire harness x Automatic transmission		8	83	71 in.·lbf
Oil cooler tube clamp	Bolt: A	12	122	9
	Bolt: B	5	50	43 in.·lbf
Oil cooler outlet tube No.1 x Automatic transmission		34	346	25
Oil cooler inlet tube No.1 x Automatic transmission		34	346	25
Oil filler tube		12	122	9
Exhaust pipe x Exhaust manifold		43	438	32
Exhaust pipe x Exhaust pipe		48	489	35
Front suspension member bracket LH x Body		33	336	24
Front suspension member bracket x Body		33	336	24
Frame crossmember sub–assy x Engine mounting insulator rear		18	184	13
Frame crossmember sub–assy x Body		72	735	53
Starter assy x Automatic transmission		37	377	27
Drain plug x Oil pan		28	285	21
Engine under cover sub–assy x Body		29	296	21
Engine under cover rear x Body		29	296	21
Propeller shaft assy x Transfer assy		88	898	64
Propeller shaft assy x Rear differential assy		88	898	64
Propeller shaft assy front x Front differential assy		88	898	64
Propeller shaft assy front x Transfer assy		88	898	64
Manifold stay x Automatic transmission	Bolt: A	71	724	52
	Bolt: B	44	449	32
	Bolt: C	30	306	22
Part Tightened		N·m	kgf·cm	ft·lbf
A750F				
Park/neutral position switch	Bolt	13	130	9
	Nut	6.9	70	61 in.·lbf
Transmission control cable assy x Automatic transmission		14	143	10
Transmission control cable bracket No.1 x Automatic transmission		14	143	10
Engine mounting insulator rear No.1 x Automatic transmission		65	663	48
Automatic transmission x Engine	17 mm head	71	720	53
	14 mm head	37	380	27
Torque converter clutch assy x Drive plate		48	490	35
Oil pan insulator x Automatic transmission	1KD–FTV	18	184	13
Starter assy x Automatic transmission	1KD–FTV	68	694	49
Starter assy x Automatic transmission	1GR–FE	39	400	29
Wire harness x Automatic transmission		8.0	83	71 in.·lbf
Oil cooler tube clamp x Automatic transmission		5.0	50	43 in.·lbf
Oil cooler outlet tube No.1 x Automatic transmission		34	346	25
Oil cooler inlet tube No.1 x Automatic transmission		34	346	25
Exhaust pipe x Exhaust manifold		62	630	46

Part Tightened		N·m	kgf·cm	ft·lbf
Exhaust pipe x Exhaust pipe		48	490	35
Front suspension member bracket LH x Body		33	336	24
Front suspension member bracket x Body		33	336	24
Frame crossmember sub–assy x Engine mounting insulator rear		18	184	13
Frame crossmember sub–assy x Body		72	735	53
Oil cooler assy x Body	1GR–FE	5.0	51	40 in.·lbf
Speed sensor x Automatic transmission		5.4	55	48 in.·lbf
Temperature sensor x Automatic transmission	Bolt: A	11	110	8
	Bolt: B	10	100	7
Refill plug x Automatic transmission		39	400	29
Overflow plug x Oil pan		20	204	15
Drain plug x Oil pan		28	285	21
Engine under cover sub–assy x Body		29	296	21
Engine under cover rear x Body		29	296	21
Propeller shaft heat insulator x Front crossmember sub–assy No.3	1GR–FE	16	163	12
Propeller shaft assy x Transfer assy		88	898	64
Propeller shaft assy x Rear differential assy		88	898	64
Propeller shaft assy front x Front differential assy		88	898	64
Propeller shaft assy front x Transfer assy		88	898	64
Manifold stay x Automatic transmission	1GR–FE	40	408	30
Manifold stay No.2 x Automatic transmission	1GR–FE	40	408	30
Transmission wire set bolt x Automatic transmission		5.4	55	48 in.·lbf
Oil strainer x Valve body		10	100	7
Oil pan x Transmission case		4.4	45	39 in.·lbf
Shift solenoid valve S1 x Valve body		6.4	65	56 in.·lbf
Shift solenoid valve S2 x Valve body		10	100	7
Shift solenoid valve SR x Valve body		6.4	65	56 in.·lbf
Lock plate x Valve body		6.4	65	56 in.·lbf
Valve body x Transmission case		11	110	8
Transmission floor shift assy x Body		12	122	9
Transmission control cable bracket x Body		5.5	56	49