SS0QY–02

TORQUE SPECIFICATION

Part tightened		N·m	kgf·cm	ft·lbf
Fuel prefilter upper body x Fuel prefilter lower body		16.7	170	12
Fuel prefilter x Bracket		18	185	13
Fuel damper x Body		7.5	80	66 n.·lbf
Nozzle holder body x Nozzle holder retaining nut	1HZ	46.58	475	34
	1HD–T	34.3	350	25
	1HD–FTE	29.4	300	22
Injection nozzle x Cylinder head	1HZ	63.7	650	47
	1HD–T	39.2	400	29
	1HD–FTE	25	255	18
Injection pipe x Injection nozzle, Injection pump	1HZ	14.7	150	11
	1HD–T, 1HD–FTE	24.5	250	18
Injection pipe clamp x Intake manifold, Injection pipe clamp		6.4	65	56 in.·lbf
No.3 nozzle leakage pipe x Intake manifold	1HD–FTE	19.6	200	14
Nozzle leakage pipe x Injection nozzle	1HZ	29.4	300	22
	1HD–T	12.3	125	9
	1HD–FTE	11.3	115	8
Nozzle leakage pipe x Cylinder head	1HD–FTE	19	186	14
Delivery valve holder x Distributive head	1HZ, 1HD–T	58.85	600	43
Fuel inlet hollow screw x Injection pump body	1HZ, 1HD–T	36.8	375	27
Regulator valve x Injection pump body	1HZ, 1HD–T	8.8	90	78 in.·lbf
Feed pump cover x Injection pump body	1HZ, 1HD–T	2.9	29.5	25 in.·lbf
Timer cover x Injection pump body	1HZ, 1HD–T	8.35	85	74 in.·lbf
Timer adjusting screw x Timer cover	1HZ, 1HD–T	14.2	145	11
Governor link support x Injection pump body	1HZ, 1HD–T	14	140	10
Distributive head x Injection pump body	1HZ, 1HD–T	12	120	9
Governor shaft x Injection pump body	1HZ, 1HD–T	27	275	20
Overflow screw x Governor cover	1HD–T	24.55	250	18
Control lever x Governor cover	1HZ, 1HD–T	6.85	70	61 in.·lbf
Governor cover x Injection pump body	1HZ, 1HD–T	8.3	85	74 in.·lbf
Wire clamp x Governor cover	1HZ, 1HD–T	8.35	85	74 in.·lbf
Idle speed adjusting screw x Governor cover	1HZ, 1HD–T	6.9	70.4	61 in.·lbf
Adjusting lever x Governor cover	1HZ, 1HD–T	8.35	85	74 in.·lbf
Pickup sensor x Injection pump body	1HZ, 1HD–T	20.6	210	15
Distributive head plug x Distributive head	1HZ	69	700	51
	1HD–T	88	900	65
Distributive head plug bolt x Distributive head plug	1HZ, 1HD–T	16.7	170	12
Pneumatic bellows cover x Governor cover	1HZ w/ HAC	7.35	75	65 in.·lbf
Diaphragm x Push rod	1HD–T	7.35	75	65 in.·lbf
Diaphragm cover x Governor cover	1HD–T	7.35	75	65 in.·lbf
Lever control spring x Governor cover	1HZ, 1HD–T	11.3	115	8
Injection pump stay x Injection pump	1HZ, 1HD–T	8.35	85	74 in.·lbf
	1HD–FTE	19.6	200	14
Fuel cut solenoid x Distributive head	1HZ, 1HD–T	22	225	16
Lead wire x Fuel cut solenoid	1HZ, 1HD–T	1.7	17	15 in.·lbf
Cap x Injection pump	1HD–T	11	115	8

Thermo wax x Injection pump body	w/ ACSD	8.35	85	74 in.·lbf
Idle–up lever x Injection pump body	1HZ, 1HD–T Short bolt	8.35	85	74 in.·lbf
	Long bolt	11.75	120	9
No.2 nozzle leakage pipe, Fuel inlet pipe x Injection pump	1HZ, 1HD–T	22.1	225	16
Idle–up actuator x Idle–up lever	1HZ, 1HD–T	9.35	95	83 in.·lbf
Fuel temperature sensor x Injection pump	1HD–FTE	22.1	225	16
Fuel inlet pipe x Injection pump	1HD–FTE	24.5	250	18
Fuel outlet pipe x Injection pump	1HD–FTE	22.1	225	16
Injection pump x Timing gear case		18	185	13
Pump stay x Injection pump	1HZ, 1HD–T	69	700	51
Pump stay x Injection pump, Cylinder Block	1HZ, 1HD–T	69	700	51
Pump stay bracket x Injection pump	1HZ, 1HD–T	39	398	29
Injection pump drive gear x Injection pump	1HZ, 1HD–T	103	1,050	76
	1HD–FTE	137	1,400	101