

ILLUSTRATION

OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
F00 DIAGNOSIS				
EGI SYSTEM, DRIVE MODE		F0009XDX	0.5	
DTC READING BY DIAGNOSTIC TOOL		F9999XDX	0.2	
<div> <p>The labor operation for DIAGNOSTIC TOOLS usage (F9999*—*) can be applied only when the diagnosis requires the NGS/WDS/PDS/IDS tester to read the Diagnostic Trouble Code for fuel and emission control system components.</p> </div>				
F01 INTAKE AIR SYSTEM				
INTAKE MANIFOLD, R&R	Without front suspension tower bar	F0101ARX	1.7	◆Intake manifold gasket (F0102), R&R ◆Throttle body gasket (F0108), R&R
INTAKE MANIFOLD, R&R	With front suspension tower bar	F0101BRX	1.8	◆Intake manifold gasket (F0102), R&R ◆Throttle body gasket (F0108), R&R
INTAKE MANIFOLD GASKET, R&R	Without i-stop, Without front suspension tower bar	F0102ARX	1.6	◆Throttle body gasket (F0108), R&R
INTAKE MANIFOLD GASKET, R&R	[Without i-stop, With front suspension tower bar]/[With i-stop, Without front suspension tower bar]	F0102BRX	1.7	◆Throttle body gasket (F0108), R&R
INTAKE MANIFOLD GASKET, R&R	With i-stop, With front suspension tower bar	F0102CRX	1.8	◆Throttle body gasket (F0108), R&R
AIR CLEANER ASSEMBLY, R&R		F0105XRX	0.3	
AIR CLEANER ELEMENT, R&R		F0106XRX	0.2	
THROTTLE BODY, R&R	Without i-stop	F0107ARX	0.5	◆Throttle body gasket (F0108), R&R
THROTTLE BODY, R&R	With i-stop	F0107BRX	0.6	◆Throttle body gasket (F0108), R&R
THROTTLE BODY GASKET, R&R	Without i-stop	F0108ARX	0.5	
THROTTLE BODY GASKET, R&R	With i-stop	F0108BRX	0.6	
INTAKE AIR DUCT, R&R		F0117XRX	0.2	

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FRESH AIR DUCT, R&R	Without i-stop	F0131ARX	0.8	◆Front bumper assembly, R&R◆ Headlight set (T0301), R&R [Right side] ◆Headlight, Aim (A0115)
FRESH AIR DUCT, R&R	With i-stop	F0131BRX	0.9	◆Front bumper assembly, R&R◆ Headlight set (T0301), R&R [Right side] ◆Headlight, Aim (A0115)
RESONANCE CHAMBER AND/OR AIR HOSE, R&R	Resonance chamber No.1	F0132ARX	0.2	
RESONANCE CHAMBER AND/OR AIR HOSE, R&R	Resonance chamber No.2	F0132BRX	0.2	
F02 EXHAUST SYSTEM				
EXHAUST MANIFOLD GASKET, R&R	Without i-stop	F0202ARX	0.9	
EXHAUST MANIFOLD GASKET, R&R	With i-stop	F0202BRX	1.0	
FRONT EXHAUST PIPE GASKET [ALL], R&R	[6MT,Without i-stop]/[6MT,With i-stop,Without center under cover]	F0203ARX	0.6	
FRONT EXHAUST PIPE GASKET [ALL], R&R	6MT,With i-stop,With center under cover	F0203BRX	0.7	
FRONT EXHAUST PIPE GASKET [ALL], R&R	6AT	F0203CRX	0.5	
MAIN SILENCER, R&R		F0210XRX	0.4	
EXHAUST MANIFOLD HEAT INSULATOR, R&R		F0213XRX	0.3	
HANGER, R&R	One	F0214ARX	0.2	
HANGER, R&R	All	F0214BRX	0.4	
INSULATOR [UPPER SIDE], R&R	[All,6MT,Without i-stop]/[All,6MT,With i-stop,Without center under cover]	F0218ARX	1.9	◆Oxidation/three way/warm up three way catalytic converter (F0702), R&R [Three way catalytic converter]◆ Propeller shaft assembly (L0101), R&R ◆Power plant frame assembly, R&R
INSULATOR [UPPER SIDE], R&R	All,6MT,With i-stop,With center under cover	F0218BRX	2.0	◆Oxidation/three way/warm up three way catalytic converter (F0702), R&R [Three way catalytic converter]◆ Propeller shaft assembly (L0101), R&R ◆Power plant frame assembly, R&R

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INSULATOR [UPPER SIDE], R&R	All,6AT,Without i-stop	F0218CRX	1.7	◆Oxidation/three way/warm up three way catalytic converter (F0702), R&R [Three way catalytic converter]◆ Propeller shaft assembly (L0101), R&R ◆Power plant frame assembly, R&R
INSULATOR [UPPER SIDE], R&R	All,6AT,With i-stop	F0218DRX	1.8	◆Oxidation/three way/warm up three way catalytic converter (F0702), R&R [Three way catalytic converter]◆ Propeller shaft assembly (L0101), R&R ◆Power plant frame assembly, R&R
MAIN SILENCER GASKET OR TAIL PIPE GASKET, R&R		F0220XRX	0.4	
MAIN SILENCER INSULATOR OR TAIL PIPE INSULATOR, R&R		F0224XRX	0.6	
F03 FUEL SYSTEM				
FUEL PUMP AND/OR GAUGE GASKET, R&R	[High pressure fuel pump,Without i-stop]/[High pressure fuel pump,With i-stop,Without front suspension tower bar]	F0301ARX	1.0	
FUEL PUMP AND/OR GAUGE GASKET, R&R	High pressure fuel pump,With i-stop,With front suspension tower bar	F0301BRX	1.1	
FUEL PUMP AND/OR GAUGE GASKET, R&R	Fuel pump (Fuel tank side),Convertible top model,Without i-stop	F0301CRX	1.4	
FUEL PUMP AND/OR GAUGE GASKET, R&R	[Fuel pump (Fuel tank side),Convertible top model,With i-stop]/[Fuel pump (Fuel tank side),Retractable hardtop model]	F0301DRX	1.5	
FUEL FILTER, R&R	Convertible top model,Without i-stop	F0302ARX	1.4	◆Fuel pump assembly, R&R
FUEL FILTER, R&R	[Convertible top model,With i-stop]/[Retractable hardtop model,Without i-stop]	F0302BRX	1.5	◆Fuel pump assembly, R&R
FUEL FILTER, R&R	Retractable hardtop model,With i-stop	F0302CRX	1.6	◆Fuel pump assembly, R&R

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FUEL DISTRIBUTOR [ALL], R&R	Without i-stop, Without front suspension tower bar	F0303ARX	2.2	◆Intake manifold gasket (F0102), R&R
FUEL DISTRIBUTOR [ALL], R&R	[Without i-stop, With front suspension tower bar]/[With i-stop]	F0303BRX	2.3	◆Intake manifold gasket (F0102), R&R
FUEL INJECTOR, INSULATOR, GROMMET AND/OR "O" RING [ALL], R&R	Without i-stop, Without front suspension tower bar	F0304ARX	2.2	◆Intake manifold gasket (F0102), R&R
FUEL INJECTOR, INSULATOR, GROMMET AND/OR "O" RING [ALL], R&R	[Without i-stop, With front suspension tower bar]/[With i-stop]	F0304BRX	2.3	◆Intake manifold gasket (F0102), R&R
PRESSURE REGULATOR, "O" RING AND/OR GASKET, R&R	Convertible top model, Without i-stop	F0306ARX	1.4	◆Fuel pump assembly, R&R
PRESSURE REGULATOR, "O" RING AND/OR GASKET, R&R	[Convertible top model, With i-stop]/[Retractable hardtop model]	F0306BRX	1.5	◆Fuel pump assembly, R&R
FUEL MAIN HOSE, R&R	[Without i-stop]/[With i-stop, Without front suspension tower bar]	F0312ARX	0.3	
FUEL MAIN HOSE, R&R	With i-stop, With front suspension tower bar	F0312BRX	0.4	
FUEL PUMP RELAY, R&R		F0315XRX	0.2	
F05 FUEL TANK & PIPINGS				
FUEL TANK, R&R	[Convertible top model, 6MT, Without i-stop]/[Convertible top model, 6MT, With i-stop, Without center under cover]	F0501ARX	4.2	◆Fuel pump assembly, R&R◆Propeller shaft assembly (L0101), R&R◆Power plant frame assembly, R&R◆Rear crossmember assembly, R&R
FUEL TANK, R&R	Convertible top model, 6MT, With i-stop, With center under cover	F0501BRX	4.3	◆Fuel pump assembly, R&R◆Propeller shaft assembly (L0101), R&R◆Power plant frame assembly, R&R◆Rear crossmember assembly, R&R
FUEL TANK, R&R	Convertible top model, 6AT, Without i-stop, Without rear stabilizer bar	F0501CRX	4.0	◆Fuel pump assembly, R&R◆Propeller shaft assembly (L0101), R&R◆Power plant frame assembly, R&R◆Rear crossmember assembly, R&R

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FUEL TANK, R&R	Convertible top model,6AT,Without i-stop,With rear stabilizer bar	F0501DRX	4.1	◆Fuel pump assembly, R&R◆Propeller shaft assembly (L0101), R&R◆Power plant frame assembly, R&R◆Rear crossmember assembly, R&R
FUEL TANK, R&R	Convertible top model,6AT,With i-stop	F0501ERX	4.2	◆Fuel pump assembly, R&R◆Propeller shaft assembly (L0101), R&R◆Power plant frame assembly, R&R◆Rear crossmember assembly, R&R
FUEL TANK, R&R	<i>Retractable hardtop model,6MT,Without i-stop</i>	F0501FRX	4.3	◆Fuel pump assembly, R&R◆Propeller shaft assembly (L0101), R&R◆Power plant frame assembly, R&R◆Rear crossmember assembly, R&R
FUEL TANK, R&R	<i>Retractable hardtop model,6MT,With i-stop</i>	F0501GRX	4.4	◆Fuel pump assembly, R&R◆Propeller shaft assembly (L0101), R&R◆Power plant frame assembly, R&R◆Rear crossmember assembly, R&R
FUEL TANK, R&R	<i>Retractable hardtop model,6AT,Without i-stop</i>	F0501HRX	4.2	◆Fuel pump assembly, R&R◆Propeller shaft assembly (L0101), R&R◆Power plant frame assembly, R&R◆Rear crossmember assembly, R&R
FUEL TANK, R&R	<i>Retractable hardtop model,6AT,With i-stop</i>	F0501JRX	4.3	◆Fuel pump assembly, R&R◆Propeller shaft assembly (L0101), R&R◆Power plant frame assembly, R&R◆Rear crossmember assembly, R&R
FILLER CAP, R&R		F0502XRX	0.2	
FILLER PIPE ASSEMBLY, R&R		F0503XRX	0.5	
JOINT HOSE [FILLER PIPE TO JOINT PIPE OR FUEL TANK], R&R	Without i-stop	F0505ARX	0.4	
JOINT HOSE [FILLER PIPE TO JOINT PIPE OR FUEL TANK], R&R	With i-stop	F0505BRX	0.5	
FUEL FILLER LID, R&R		F0508XRX	0.2	
FUEL FILLER LID OPENER, R&R	Fuel filler lid lock actuator	F0509ARX	0.3	
FUEL FILLER LID OPENER, R&R	Fuel filler lid opener	F0509BRX	0.3	

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F06 EMISSION 1/2				
CHARCOAL CANISTER, R&R		F0601XRX	0.3	
POSITIVE CRANKCASE VENTILATION [PCV] VALVE, R&R	Without i-stop, Without front suspension tower bar	F0609ARX	1.7	◆Intake manifold gasket (F0102), R&R
POSITIVE CRANKCASE VENTILATION [PCV] VALVE, R&R	[Without i-stop, With front suspension tower bar]/[With i-stop, Without front suspension tower bar]	F0609BRX	1.8	◆Intake manifold gasket (F0102), R&R
POSITIVE CRANKCASE VENTILATION [PCV] VALVE, R&R	With i-stop, With front suspension tower bar	F0609CRX	1.9	◆Intake manifold gasket (F0102), R&R
PURGE SOLENOID VALVE, R&R	Without i-stop	F0621ARX	0.2	
PURGE SOLENOID VALVE, R&R	With i-stop	F0621BRX	0.3	
CHECK VALVE [FUEL EVAPORATIVE LINE], R&R		F0630XRX	0.2	
F07 EMISSION 2/2				
OXIDATION/THREE WAY/WARM UP THREE WAY CATALYTIC CONVERTER, R&R	Warm up three way catalytic converter, LHD, Without i-ELOOP system, Without front suspension tower bar	F0702ARX	1.7	◆Engine mount rubber (B0601), D&C
OXIDATION/THREE WAY/WARM UP THREE WAY CATALYTIC CONVERTER, R&R	Warm up three way catalytic converter, LHD, Without i-ELOOP system, With front suspension tower bar	F0702BRX	1.8	◆Engine mount rubber (B0601), D&C
OXIDATION/THREE WAY/WARM UP THREE WAY CATALYTIC CONVERTER, R&R	Warm up three way catalytic converter, LHD, With i-ELOOP system	F0702CRX	2.1	◆Engine mount rubber (B0601), D&C ◆ DC-DC converter (G0506), R&R
OXIDATION/THREE WAY/WARM UP THREE WAY CATALYTIC CONVERTER, R&R	Warm up three way catalytic converter, RHD, Without i-stop, Without front suspension tower bar	F0702DRX	1.8	◆Engine mount rubber (B0601), D&C
OXIDATION/THREE WAY/WARM UP THREE WAY CATALYTIC CONVERTER, R&R	[Warm up three way catalytic converter, RHD, Without i-stop, With front suspension tower bar]/[Warm up three way catalytic converter, RHD, With i-stop, Without front suspension tower bar]	F0702ERX	1.9	◆Engine mount rubber (B0601), D&C

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OXIDATION/THREE WAY/WARM UP THREE WAY CATALYTIC CONVERTER, R&R	Warm up three way catalytic converter,RHD,With i-stop,With front suspension tower bar	F0702FRX	2.0	◆Engine mount rubber (B0601), D&C
OXIDATION/THREE WAY/WARM UP THREE WAY CATALYTIC CONVERTER, R&R	[Three way catalytic converter,6MT,Without i-stop]/[Three way catalytic converter,6MT,With i-stop,Without center under cover]	F0702GRX	0.6	
OXIDATION/THREE WAY/WARM UP THREE WAY CATALYTIC CONVERTER, R&R	Three way catalytic converter,6MT,With i-stop,With center under cover	F0702HRX	0.7	
OXIDATION/THREE WAY/WARM UP THREE WAY CATALYTIC CONVERTER, R&R	Three way catalytic converter,6AT,Without i-stop	F0702JRX	0.5	
OXIDATION/THREE WAY/WARM UP THREE WAY CATALYTIC CONVERTER, R&R	Three way catalytic converter,6AT,With i-stop	F0702KRX	0.6	
VENTILATION HOSE [TO CHARCOAL CANISTER], R&R		F0707XRX	0.4	
VENTILATION HOSE [PCV], R&R	Without i-stop,Without front suspension tower bar	F0708ARX	1.6	◆Intake manifold gasket (F0102), R&R
VENTILATION HOSE [PCV], R&R	[Without i-stop,With front suspension tower bar]/[With i-stop,Without front suspension tower bar]	F0708BRX	1.7	◆Intake manifold gasket (F0102), R&R
VENTILATION HOSE [PCV], R&R	With i-stop,With front suspension tower bar	F0708CRX	1.8	◆Intake manifold gasket (F0102), R&R
F08 EMISSION CONTROLS				
VOLUME/MASS AIR FLOW SENSOR, R&R	Without i-stop	F0801ARX	0.4	◆Idle speed, Check (A0106)
VOLUME/MASS AIR FLOW SENSOR, R&R	With i-stop	F0801BRX	0.5	◆Idle speed, Check (A0106)
BOOST SENSOR, R&R	[Without i-stop]/[With i-stop,Without front suspension tower bar]	F0805ARX	0.6	
BOOST SENSOR, R&R	With i-stop,With front suspension tower bar	F0805BRX	0.7	

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CRANKSHAFT POSITION SENSOR, R&R	Without i-stop	F0807ARX	0.6	◆ Ignition timing, Check (A0108)
CRANKSHAFT POSITION SENSOR, R&R	With i-stop	F0807BRX	0.7	◆ Ignition timing, Check (A0108)
MAIN RELAY, R&R		F0809XRX	0.2	
ENGINE COOLANT TEMPERATURE SENSOR, R&R		F0810XRX	0.7	
A/F SENSOR/OXYGEN SENSOR, R&R	A/F sensor, Without i-stop	F0811ARX	0.5	
A/F SENSOR/OXYGEN SENSOR, R&R	A/F sensor, With i-stop	F0811BRX	0.6	
A/F SENSOR/OXYGEN SENSOR, R&R	Oxygen sensor, 6MT, Without i-stop	F0811CRX	0.3	
A/F SENSOR/OXYGEN SENSOR, R&R	[Oxygen sensor, 6MT, With i-stop]/[Oxygen sensor, 6AT, Without i-stop]	F0811DRX	0.4	
A/F SENSOR/OXYGEN SENSOR, R&R	Oxygen sensor, 6AT, With i-stop	F0811ERX	0.5	
A/F SENSOR/OXYGEN SENSOR, R&R	All, 6MT, Without i-stop	F0811FRX	0.6	
A/F SENSOR/OXYGEN SENSOR, R&R	[All, 6MT, With i-stop]/[All, 6AT]	F0811GRX	0.7	
POWERTRAIN CONTROL MODULE [PCM], R&R	[PCM cover with standard bolts, Without i-stop]/[PCM cover with standard bolts, With i-stop, Without resonance chamber No.2]	F0812ARX	0.4	
POWERTRAIN CONTROL MODULE [PCM], R&R	[PCM cover with standard bolts, With i-stop, With resonance chamber No.2]/[PCM cover with shear-off bolts, Without i-stop]	F0812BRX	0.5	
POWERTRAIN CONTROL MODULE [PCM], R&R	PCM cover with shear-off bolts, With i-stop	F0812CRX	0.6	
KNOCK SENSOR, R&R	[Without i-stop]/[With i-stop, Without front suspension tower bar]	F0815ARX	1.7	◆ Intake manifold gasket (F0102), R&R
KNOCK SENSOR, R&R	With i-stop, With front suspension tower bar	F0815BRX	1.8	◆ Intake manifold gasket (F0102), R&R
NEUTRAL SWITCH, R&R	LHD, Without i-stop, Without front suspension tower bar	F0816ARX	4.6	◆ Transmission assembly, R&R
NEUTRAL SWITCH, R&R	LHD, Without i-stop, With front suspension tower bar	F0816BRX	4.7	◆ Transmission assembly, R&R

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NEUTRAL SWITCH, R&R	LHD,With i-stop,Without center under cover,Neutral switch No.1 and neutral switch No.2	F0816CRX	5.0	◆Transmission assembly, R&R
NEUTRAL SWITCH, R&R	LHD,With i-stop,With center under cover,Without front suspension tower bar,Neutral switch No.1 and neutral switch No.2	F0816DRX	5.0	◆Transmission assembly, R&R
NEUTRAL SWITCH, R&R	LHD,With i-stop,With center under cover,With front suspension tower bar,Neutral switch No.1 and neutral switch No.2	F0816ERX	5.1	◆Transmission assembly, R&R
NEUTRAL SWITCH, R&R	RHD,Without i-stop,Without front suspension tower bar	F0816FRX	4.7	◆Transmission assembly, R&R
NEUTRAL SWITCH, R&R	RHD,Without i-stop,With front suspension tower bar	F0816GRX	4.8	◆Transmission assembly, R&R
NEUTRAL SWITCH, R&R	RHD,With i-stop,Neutral switch No.1 and neutral switch No.2	F0816HRX	4.9	◆Transmission assembly, R&R
CAMSHAFT POSITION SENSOR, R&R	[Intake camshaft side,Without i-stop]/[Intake camshaft side,With i-stop,Without front suspension tower bar]	F0822ARX	1.7	◆Intake manifold gasket (F0102), R&R
CAMSHAFT POSITION SENSOR, R&R	Intake camshaft side,With i-stop,With front suspension tower bar	F0822BRX	1.8	◆Intake manifold gasket (F0102), R&R
CAMSHAFT POSITION SENSOR, R&R	Exhaust camshaft side,Without i-stop	F0822CRX	0.2	
CAMSHAFT POSITION SENSOR, R&R	Exhaust camshaft side,With i-stop	F0822DRX	0.3	
CAMSHAFT POSITION SENSOR, R&R	All,Without i-stop,Without front suspension tower bar	F0822ERX	1.7	◆Intake manifold gasket (F0102), R&R
CAMSHAFT POSITION SENSOR, R&R	[All,Without i-stop,With front suspension tower bar]/[All,With i-stop,Without front suspension tower bar]	F0822FRX	1.8	◆Intake manifold gasket (F0102), R&R
CAMSHAFT POSITION SENSOR, R&R	All,With i-stop,With front suspension tower bar	F0822GRX	1.9	◆Intake manifold gasket (F0102), R&R
ACCELERATOR PEDAL OR PAD, R&R	Without i-stop	F0823ARX	0.2	
ACCELERATOR PEDAL OR PAD, R&R	With i-stop	F0823BRX	0.3	