

OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
E01 WATER PUMP & THERMOSTAT				
WATER PUMP ASSEMBLY AND/OR GASKET, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop]	E0101ARX	1.2	◆Water pump pulley (E0104), R&R
WATER PUMP ASSEMBLY AND/OR GASKET, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop]	E0101BRX	1.3	◆Water pump pulley (E0104), R&R
WATER PUMP ASSEMBLY AND/OR GASKET, R&R	[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation]/[SKYACTIV-G 2.0,With Coolant Control Valve,With Cylinder Deactivation]/[SKYACTIV-G 2.5,With Coolant Control Valve,Without Cylinder Deactivation]/[SKYACTIV-G 2.5,With Coolant Control Valve,With Cylinder Deactivation]	E0101DRX	1.0	◆Water pump pulley (E0104), R&R
WATER PUMP ASSEMBLY AND/OR GASKET, R&R	SKYACTIV-G 2.5T,Without i-stop	E0101ERX	1.1	◆Water pump pulley (E0104), R&R
WATER PUMP ASSEMBLY AND/OR GASKET, R&R	SKYACTIV-G 2.5T,With i-stop	E0101FRX	1.2	◆Water pump pulley (E0104), R&R
WATER PUMP ASSEMBLY AND/OR GASKET, R&R	[SKYACTIV-D 2.2,Fuel injector (2pin type)]/[SKYACTIV-D 2.2,Fuel injector (6pin type),Without SCR system]/[SKYACTIV-D 2.2,Fuel injector (6pin type),With SCR system]	E0101CRX	1.4	◆Generator (G0301), R&R

## ILLUSTRATION

OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
THERMOSTAT, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop,PCM cover with standard bolts]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop,PCM cover with standard bolts]	E0102ARX	0.9	◆Thermostat cover and/or gasket (E0103), R&R
THERMOSTAT, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop,PCM cover with shear-off bolts]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop,PCM cover with shear-off bolts]	E0102BRX	1.0	◆Thermostat cover and/or gasket (E0103), R&R
THERMOSTAT, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop,PCM cover with standard bolts]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop,PCM cover with standard bolts]	E0102CRX	1.0	◆Thermostat cover and/or gasket (E0103), R&R
THERMOSTAT, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop,PCM cover with shear-off bolts]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop,PCM cover with shear-off bolts]	E0102DRX	1.1	◆Thermostat cover and/or gasket (E0103), R&R
THERMOSTAT, R&R	SKYACTIV-G 2.5T	E0102GRX	1.0	◆Thermostat cover and/or gasket (E0103), R&R

## ILLUSTRATION

OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
THERMOSTAT, R&R	SKYACTIV-D 2.2,Fuel injector (2pin type)	E0102ERX	1.0	◆Thermostat cover and/or gasket (E0103), R&R
THERMOSTAT, R&R	[SKYACTIV-D 2.2,Fuel injector (6pin type),Without SCR system,Thermo valve]/[SKYACTIV-D 2.2,Fuel injector (6pin type),With SCR system,Thermo valve]	E0102FRX	1.3	◆EGR valve (F0619), R&R [EGR valve]
THERMOSTAT COVER AND/OR GASKET, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop,PCM cover with standard bolts]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop,PCM cover with standard bolts]	E0103ARX	0.9	
THERMOSTAT COVER AND/OR GASKET, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop,PCM cover with shear-off bolts]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop,PCM cover with shear-off bolts]	E0103BRX	1.0	
THERMOSTAT COVER AND/OR GASKET, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop,PCM cover with standard bolts]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop,PCM cover with standard bolts]	E0103CRX	1.0	

## ILLUSTRATION

OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
THERMOSTAT COVER AND/OR GASKET, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop,PCM cover with shear-off bolts]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop,PCM cover with shear-off bolts]	E0103DRX	1.1	
THERMOSTAT COVER AND/OR GASKET, R&R	SKYACTIV-G 2.5T	E0103FRX	1.0	
THERMOSTAT COVER AND/OR GASKET, R&R	SKYACTIV-D 2.2,Fuel injector (2pin type)	E0103ERX	1.0	
WATER PUMP PULLEY, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation]/[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation]/[SKYACTIV-G 2.0,With Coolant Control Valve,With Cylinder Deactivation]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation]/[SKYACTIV-G 2.5,With Coolant Control Valve,Without Cylinder Deactivation]/[SKYACTIV-G 2.5,With Coolant Control Valve,With Cylinder Deactivation]	E0104XRX	0.3	
WATER PUMP PULLEY, R&R	SKYACTIV-G 2.5T	E0104ARX	0.4	

OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
WATER PUMP DRIVE BELT, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation]/[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation]/[SKYACTIV-G 2.0,With Coolant Control Valve,With Cylinder Deactivation]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation]/[SKYACTIV-G 2.5,With Coolant Control Valve,Without Cylinder Deactivation]/[SKYACTIV-G 2.5,With Coolant Control Valve,With Cylinder Deactivation]	E0110XRX	0.3	◆Generator drive belt (G0303), R&R
WATER PUMP DRIVE BELT, R&R	SKYACTIV-G 2.5T	E0110ARX	0.4	◆Generator drive belt (G0303), R&R
COOLANT CONTROL VALVE, R&R	SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,6MT,PCM cover with standard bolts,Without i-stop	E0113ARX	1.2	
COOLANT CONTROL VALVE, R&R	SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,6MT,PCM cover with shear-off bolts,Without i-stop	E0113BRX	1.3	
COOLANT CONTROL VALVE, R&R	[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,6MT,PCM cover with standard bolts,With i-stop]/[SKYACTIV-G 2.0,With Coolant Control Valve,With Cylinder Deactivation,PCM cover with standard bolts]	E0113CRX	1.3	

OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
COOLANT CONTROL VALVE, R&R	[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,6MT,PCM cover with shear-off bolts,With i-stop]/[SKYACTIV-G 2.0,With Coolant Control Valve,With Cylinder Deactivation,PCM cover with shear-off bolts]	E0113DRX	1.4	
COOLANT CONTROL VALVE, R&R	SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,6AT,PCM cover with standard bolts	E0113ERX	1.3	
COOLANT CONTROL VALVE, R&R	SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,6AT,PCM cover with shear-off bolts	E0113FRX	1.4	
COOLANT CONTROL VALVE, R&R	SKYACTIV-G 2.5,With Coolant Control Valve,Without Cylinder Deactivation,PCM cover with standard bolts	E0113GRX	1.3	
COOLANT CONTROL VALVE, R&R	SKYACTIV-G 2.5,With Coolant Control Valve,Without Cylinder Deactivation,PCM cover with shear-off bolts	E0113HRX	1.4	
COOLANT CONTROL VALVE, R&R	SKYACTIV-G 2.5,With Coolant Control Valve,With Cylinder Deactivation,PCM cover with standard bolts	E0113XRX	1.3	
COOLANT CONTROL VALVE, R&R	SKYACTIV-G 2.5,With Coolant Control Valve,With Cylinder Deactivation,PCM cover with shear-off bolts	E0113JRX	1.4	

OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
COOLANT CONTROL VALVE, R&R	[SKYACTIV-D 2.2,Fuel injector (6pin type),Without SCR system]/[SKYACTIV-D 2.2,Fuel injector (6pin type),With SCR system]	E0113KRX	2.2	◆Generator (G0301), R&R◆Water pump assembly and/or gasket (E0101), R&R
E02 RADIATOR & COOLING FAN				
RADIATOR, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop]/[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,Without i-stop]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop]/[SKYACTIV-G 2.5,With Coolant Control Valve,Without Cylinder Deactivation,Without i-stop]	E0201ARX	1.2	◆Cooling fan assembly (E0204), R&R
RADIATOR, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop]/[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,With i-stop]/[SKYACTIV-G 2.0,With Coolant Control Valve,With Cylinder Deactivation]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop]/[SKYACTIV-G 2.5,With Coolant Control Valve,Without Cylinder Deactivation,With i-stop]/[SKYACTIV-G 2.5,With Coolant Control Valve,With Cylinder Deactivation]	E0201BRX	1.3	◆Cooling fan assembly (E0204), R&R

## ILLUSTRATION

OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
RADIATOR, R&R	SKYACTIV-G 2.5T, Without i-stop	E0201ERX	1.4	◆Cooling fan assembly (E0204), R&R
RADIATOR, R&R	SKYACTIV-G 2.5T, With i-stop	E0201FRX	1.5	◆Cooling fan assembly (E0204), R&R
RADIATOR, R&R	[SKYACTIV-D 2.2, Fuel injector (2pin type), 6MT]/[SKYACTIV-D 2.2, Fuel injector (2pin type), 6AT, Without ATF oil cooler No.2]/[SKYACTIV-D 2.2, Fuel injector (6pin type), Without SCR system]	E0201CRX	1.6	◆Cooling fan assembly (E0204), R&R
RADIATOR, R&R	[SKYACTIV-D 2.2, Fuel injector (2pin type), 6AT, With ATF oil cooler No.2]/[SKYACTIV-D 2.2, Fuel injector (6pin type), With SCR system]	E0201DRX	1.8	◆Cooling fan assembly (E0204), R&R
COOLING FAN, R&R	[SKYACTIV-G 2.0, Without Coolant Control Valve, Without Cylinder Deactivation, Without i-stop, One]/[SKYACTIV-G 2.0, With Coolant Control Valve, Without Cylinder Deactivation, Without i-stop, One]/[SKYACTIV-G 2.5, Without Coolant Control Valve, Without Cylinder Deactivation, Without i-stop, One]/[SKYACTIV-G 2.5, With Coolant Control Valve, Without Cylinder Deactivation, Without i-stop, One]	E0202ARX	0.9	◆Cooling fan assembly (E0204), R&R



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OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
COOLING FAN, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop,All]/[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,Without i-stop,All]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop,All]/[SKYACTIV-G 2.5,With Coolant Control Valve,Without Cylinder Deactivation,Without i-stop,All]	E0202BRX	1.0	◆Cooling fan assembly (E0204), R&R
COOLING FAN, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop,One or all]/[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,With i-stop,One or all]/[SKYACTIV-G 2.0,With Coolant Control Valve,With Cylinder Deactivation,One or all]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop,One or all]/[SKYACTIV-G 2.5,With Coolant Control Valve,Without Cylinder Deactivation,With i-stop,One or all]/[SKYACTIV-G 2.5,With Coolant Control Valve,With Cylinder Deactivation,One or all]	E0202CRX	1.0	◆Cooling fan assembly (E0204), R&R

## ILLUSTRATION

OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
COOLING FAN, R&R	[SKYACTIV-D 2.2,Fuel injector (2pin type),One]/[SKYACTIV-D 2.2,Fuel injector (6pin type),Without SCR system,One]/[SKYACTIV-D 2.2,Fuel injector (6pin type),With SCR system,One]	E0202DRX	1.1	◆Cooling fan assembly (E0204), R&R
COOLING FAN, R&R	[SKYACTIV-D 2.2,Fuel injector (2pin type),All]/[SKYACTIV-D 2.2,Fuel injector (6pin type),Without SCR system,All]/[SKYACTIV-D 2.2,Fuel injector (6pin type),With SCR system,All]	E0202ERX	1.2	◆Cooling fan assembly (E0204), R&R
COOLING FAN ASSEMBLY, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop]/[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,Without i-stop]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop]/[SKYACTIV-G 2.5,With Coolant Control Valve,Without Cylinder Deactivation,Without i-stop]	E0204ARX	0.9	

## ILLUSTRATION

OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
COOLING FAN ASSEMBLY, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop]/[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,With i-stop]/[SKYACTIV-G 2.0,With Coolant Control Valve,With Cylinder Deactivation]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop]/[SKYACTIV-G 2.5,With Coolant Control Valve,Without Cylinder Deactivation,With i-stop]/[SKYACTIV-G 2.5,With Coolant Control Valve,With Cylinder Deactivation]	E0204BRX	1.0	
COOLING FAN ASSEMBLY, R&R	SKYACTIV-G 2.5T,Without i-stop	E0204DRX	0.9	
COOLING FAN ASSEMBLY, R&R	SKYACTIV-G 2.5T,With i-stop	E0204ERX	1.0	
COOLING FAN ASSEMBLY, R&R	[SKYACTIV-D 2.2,Fuel injector (2pin type)]/[SKYACTIV-D 2.2,Fuel injector (6pin type),Without SCR system]/[SKYACTIV-D 2.2,Fuel injector (6pin type),With SCR system]	E0204CRX	1.1	

OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
COOLING FAN MOTOR, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop,One or all]/[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,Without i-stop,One or all]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop,One or all]/[SKYACTIV-G 2.5,With Coolant Control Valve,Without Cylinder Deactivation,Without i-stop,One or all]	E0205ARX	1.0	◆Cooling fan assembly (E0204), R&R
COOLING FAN MOTOR, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop,One]/[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,With i-stop,One]/[SKYACTIV-G 2.0,With Coolant Control Valve,With Cylinder Deactivation,With i-stop,One]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop,One]/[SKYACTIV-G 2.5,With Coolant Control Valve,Without Cylinder Deactivation,With i-stop,One]/[SKYACTIV-G 2.5,With Coolant Control Valve,With Cylinder Deactivation,One]	E0205BRX	1.0	◆Cooling fan assembly (E0204), R&R

## ILLUSTRATION

OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
COOLING FAN MOTOR, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop,All]/[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,With i-stop,All]/[SKYACTIV-G 2.0,With Coolant Control Valve,With Cylinder Deactivation,With i-stop,All]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop,All]/[SKYACTIV-G 2.5,With Coolant Control Valve,Without Cylinder Deactivation,With i-stop,All]/[SKYACTIV-G 2.5,With Coolant Control Valve,With Cylinder Deactivation,All]	E0205CRX	1.1	◆Cooling fan assembly (E0204), R&R
COOLING FAN MOTOR, R&R	[SKYACTIV-D 2.2,Fuel injector (2pin type),One or all]/[SKYACTIV-D 2.2,Fuel injector (6pin type),Without SCR system,One or all]/[SKYACTIV-D 2.2,Fuel injector (6pin type),With SCR system,One or all]	E0205DRX	1.2	◆Cooling fan assembly (E0204), R&R
RADIATOR CAP, R&R		E0208XRX	0.2	

## ILLUSTRATION

OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
RADIATOR COWLING, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop]/[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,Without i-stop]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop]/[SKYACTIV-G 2.5,With Coolant Control Valve,Without Cylinder Deactivation,Without i-stop]	E0209ARX	1.0	◆Cooling fan assembly (E0204), R&R
RADIATOR COWLING, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop]/[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,With i-stop]/[SKYACTIV-G 2.0,With Coolant Control Valve,With Cylinder Deactivation]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop]/[SKYACTIV-G 2.5,With Coolant Control Valve,Without Cylinder Deactivation,With i-stop]/[SKYACTIV-G 2.5,With Coolant Control Valve,With Cylinder Deactivation]	E0209BRX	1.1	◆Cooling fan assembly (E0204), R&R
RADIATOR COWLING, R&R	[SKYACTIV-D 2.2,Fuel injector (2pin type)]/[SKYACTIV-D 2.2,Fuel injector (6pin type),Without SCR system]/[SKYACTIV-D 2.2,Fuel injector (6pin type),With SCR system]	E0209CRX	1.2	◆Cooling fan assembly (E0204), R&R
SUB TANK, R&R		E0210XRX	0.2	

## ILLUSTRATION

OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
COOLING FAN CONTROL UNIT, R&R	Fan control module,One	E0211ARX	0.3	
COOLING FAN CONTROL UNIT, R&R	Fan control module,All	E0211BRX	0.4	
COOLING FAN RELAY, R&R	Without i-stop,One or all	E0212ARX	0.2	
COOLING FAN RELAY, R&R	[With i-stop,Cooling fan relay No.1]/[With i-stop,Cooling fan relay No.2]	E0212BRX	0.3	
COOLING FAN RELAY, R&R	With i-stop,Cooling fan relay No.3	E0212CRX	0.2	
COOLING FAN RELAY, R&R	With i-stop,All	E0212DRX	0.3	
<b>E03 WATER PIPE &amp; HOSE</b>				
RADIATOR UPPER HOSE, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop]/[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,Without i-stop]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop]/[SKYACTIV-G 2.5,With Coolant Control Valve,Without Cylinder Deactivation,Without i-stop]	E0301ARX	0.7	

OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
RADIATOR UPPER HOSE, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop]/[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,With i-stop]/[SKYACTIV-G 2.0,With Coolant Control Valve,With Cylinder Deactivation]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop]/[SKYACTIV-G 2.5,With Coolant Control Valve,Without Cylinder Deactivation,With i-stop]/[SKYACTIV-G 2.5,With Coolant Control Valve,With Cylinder Deactivation]	E0301BRX	0.8	
RADIATOR UPPER HOSE, R&R	SKYACTIV-G 2.5T,Radiator side	E0301DRX	0.6	
RADIATOR UPPER HOSE, R&R	SKYACTIV-G 2.5T,Engine side,Without i-stop	E0301ERX	0.7	
RADIATOR UPPER HOSE, R&R	SKYACTIV-G 2.5T,Engine side,With i-stop	E0301FRX	0.8	
RADIATOR UPPER HOSE, R&R	SKYACTIV-G 2.5T,All,Without i-stop	E0301GRX	0.8	
RADIATOR UPPER HOSE, R&R	SKYACTIV-G 2.5T,All,With i-stop	E0301HRX	0.9	
RADIATOR UPPER HOSE, R&R	[SKYACTIV-D 2.2,Fuel injector (2pin type)]/[SKYACTIV-D 2.2,Fuel injector (6pin type),Without SCR system]/[SKYACTIV-D 2.2,Fuel injector (6pin type),With SCR system]	E0301CRX	0.6	



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RADIATOR LOWER HOSE, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop,PCM cover with standard bolts]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop,PCM cover with standard bolts]	E0302ARX	1.0	
RADIATOR LOWER HOSE, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop,PCM cover with shear-off bolts]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,Without i-stop,PCM cover with shear-off bolts]	E0302BRX	1.1	
RADIATOR LOWER HOSE, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop,PCM cover with standard bolts]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop,PCM cover with standard bolts]	E0302CRX	1.1	
RADIATOR LOWER HOSE, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop,PCM cover with shear-off bolts]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,With i-stop,PCM cover with shear-off bolts]	E0302DRX	1.2	

OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
RADIATOR LOWER HOSE, R&R	SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,6MT,PCM cover with standard bolts,Without i-stop	E0302GRX	1.1	
RADIATOR LOWER HOSE, R&R	[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,6MT,PCM cover with standard bolts,With i-stop]/[SKYACTIV-G 2.0,With Coolant Control Valve,With Cylinder Deactivation]	E0302HRX	1.2	
RADIATOR LOWER HOSE, R&R	SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,6MT,PCM cover with shear-off bolts	E0302JRX	1.2	
RADIATOR LOWER HOSE, R&R	[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,6AT,PCM cover with standard bolts]/[SKYACTIV-G 2.5,With Coolant Control Valve,Without Cylinder Deactivation,PCM cover with standard bolts]	E0302KRX	1.2	
RADIATOR LOWER HOSE, R&R	[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,6AT,PCM cover with shear-off bolts,Without i-stop]/[SKYACTIV-G 2.5,With Coolant Control Valve,Without Cylinder Deactivation,PCM cover with shear-off bolts,Without i-stop]	E0302LRX	1.2	

OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
RADIATOR LOWER HOSE, R&R	[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,6AT,PCM cover with shear-off bolts,With i-stop]/[SKYACTIV-G 2.5,With Coolant Control Valve,Without Cylinder Deactivation,PCM cover with shear-off bolts,With i-stop]	E0302MRX	1.3	
RADIATOR LOWER HOSE, R&R	SKYACTIV-G 2.5,With Coolant Control Valve,With Cylinder Deactivation,PCM cover with standard bolts	E0302FRX	1.2	
RADIATOR LOWER HOSE, R&R	SKYACTIV-G 2.5,With Coolant Control Valve,With Cylinder Deactivation,PCM cover with shear-off bolts	E0302NRX	1.3	
RADIATOR LOWER HOSE, R&R	SKYACTIV-G 2.5T,Without i-stop	E0302PRX	1.0	
RADIATOR LOWER HOSE, R&R	SKYACTIV-G 2.5T,With i-stop	E0302QRX	1.1	
RADIATOR LOWER HOSE, R&R	[SKYACTIV-D 2.2,Fuel injector (2pin type)]/[SKYACTIV-D 2.2,Fuel injector (6pin type),Without SCR system]/[SKYACTIV-D 2.2,Fuel injector (6pin type),With SCR system]	E0302ERX	1.0	
WATER PUMP INLET, R&R	SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,6MT,PCM cover with standard bolts	E0303ARX	1.5	◆Water pump inlet gasket (E0304), R&R
WATER PUMP INLET, R&R	SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,6MT,PCM cover with shear-off bolts	E0303BRX	1.6	◆Water pump inlet gasket (E0304), R&R

## ILLUSTRATION

OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
WATER PUMP INLET, R&R	SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,6AT,Without i-stop,PCM cover with standard bolts	E0303CRX	1.5	◆Water pump inlet gasket (E0304), R&R
WATER PUMP INLET, R&R	SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,6AT,Without i-stop,PCM cover with shear-off bolts	E0303DRX	1.6	◆Water pump inlet gasket (E0304), R&R
WATER PUMP INLET, R&R	SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,6AT,With i-stop,PCM cover with standard bolts	E0303ERX	1.6	◆Water pump inlet gasket (E0304), R&R
WATER PUMP INLET, R&R	SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,6AT,With i-stop,PCM cover with shear-off bolts	E0303FRX	1.7	◆Water pump inlet gasket (E0304), R&R
WATER PUMP INLET, R&R	SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,6MT,2WD,PCM cover with standard bolts,Without i-stop	E0303KRX	2.6	◆Water pump inlet gasket (E0304), R&R
WATER PUMP INLET, R&R	[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,6MT,2WD,PCM cover with standard bolts,With i-stop]/[SKYACTIV-G 2.0,With Coolant Control Valve,With Cylinder Deactivation,2WD,PCM cover with standard bolts]	E0303LRX	2.7	◆Water pump inlet gasket (E0304), R&R

## ILLUSTRATION

OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
WATER PUMP INLET, R&R	SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,6MT,2WD,PCM cover with shear-off bolts,Without i-stop	E0303MRX	2.7	◆Water pump inlet gasket (E0304), R&R
WATER PUMP INLET, R&R	[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,6MT,2WD,PCM cover with shear-off bolts,With i-stop]/[SKYACTIV-G 2.0,With Coolant Control Valve,With Cylinder Deactivation,2WD,PCM cover with shear-off bolts]	E0303NRX	2.8	◆Water pump inlet gasket (E0304), R&R
WATER PUMP INLET, R&R	[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,6MT,4WD]/[SKYACTIV-G 2.0,With Coolant Control Valve,With Cylinder Deactivation,4WD]	E0303PRX	2.6	◆Water pump inlet gasket (E0304), R&R
WATER PUMP INLET, R&R	SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,6AT,2WD,PCM cover with standard bolts,Without i-stop	E0303QRX	2.6	◆Water pump inlet gasket (E0304), R&R
WATER PUMP INLET, R&R	SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,6AT,2WD,PCM cover with standard bolts,With i-stop	E0303RRX	2.7	◆Water pump inlet gasket (E0304), R&R
WATER PUMP INLET, R&R	SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,6AT,2WD,PCM cover with shear-off bolts,Without i-stop	E0303SRX	2.7	◆Water pump inlet gasket (E0304), R&R

## ILLUSTRATION

OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
WATER PUMP INLET, R&R	SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,6AT,2WD,PCM cover with shear-off bolts,With i-stop	E0303TRX	2.8	◆Water pump inlet gasket (E0304), R&R
WATER PUMP INLET, R&R	SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,6AT,4WD,PCM cover with standard bolts	E0303URX	2.6	◆Water pump inlet gasket (E0304), R&R
WATER PUMP INLET, R&R	SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,6AT,4WD,PCM cover with shear-off bolts	E0303VRX	2.7	◆Water pump inlet gasket (E0304), R&R
WATER PUMP INLET, R&R	SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,PCM cover with standard bolts	E0303GRX	1.5	◆Water pump inlet gasket (E0304), R&R
WATER PUMP INLET, R&R	SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,PCM cover with shear-off bolts	E0303HRX	1.6	◆Water pump inlet gasket (E0304), R&R
WATER PUMP INLET, R&R	SKYACTIV-G 2.5,With Coolant Control Valve,Without i-stop,2WD	E0303WRX	2.6	◆Water pump inlet gasket (E0304), R&R
WATER PUMP INLET, R&R	SKYACTIV-G 2.5,With Coolant Control Valve,Without i-stop,4WD,PCM cover with standard bolts	E0303YRX	2.6	◆Water pump inlet gasket (E0304), R&R
WATER PUMP INLET, R&R	SKYACTIV-G 2.5,With Coolant Control Valve,Without i-stop,4WD,PCM cover with shear-off bolts	E0303ZRX	2.7	◆Water pump inlet gasket (E0304), R&R
WATER PUMP INLET, R&R	SKYACTIV-G 2.5,With Coolant Control Valve,With i-stop,2WD	E03031RX	2.7	◆Water pump inlet gasket (E0304), R&R

## ILLUSTRATION

OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
WATER PUMP INLET, R&R	SKYACTIV-G 2.5,With Coolant Control Valve,With i-stop,4WD,PCM cover with standard bolts	E0303JRX	2.6	◆Water pump inlet gasket (E0304), R&R
WATER PUMP INLET, R&R	SKYACTIV-G 2.5,With Coolant Control Valve,With i-stop,4WD,PCM cover with shear-off bolts	E03032RX	2.7	◆Water pump inlet gasket (E0304), R&R
WATER PUMP INLET, R&R	SKYACTIV-G 2.5T,Without i-stop	E03033RX	4.1	◆Front crossmember assembly, R&R◆ Turbocharger assembly and/or gasket (F0111), R&R [Turbocharger gasket]◆ Water pump inlet gasket (E0304), R&R
WATER PUMP INLET, R&R	SKYACTIV-G 2.5T,With i-stop	E03034RX	4.2	◆Front crossmember assembly, R&R◆ Turbocharger assembly and/or gasket (F0111), R&R [Turbocharger gasket]◆ Water pump inlet gasket (E0304), R&R
WATER PUMP INLET GASKET, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,Water pump side,Without i-stop]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,Water pump side,Without i-stop]	E0304ARX	1.2	◆Water pump assembly and/or gasket (E0101), R&R
WATER PUMP INLET GASKET, R&R	[SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,Water pump side,With i-stop]/[SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,Water pump side,With i-stop]	E0304BRX	1.3	◆Water pump assembly and/or gasket (E0101), R&R
WATER PUMP INLET GASKET, R&R	SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,Water outlet side or all,6MT,PCM cover with standard bolts	E0304CRX	1.5	◆Water pump inlet (E0303), R&R

## ILLUSTRATION

OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
WATER PUMP INLET GASKET, R&R	SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,Water outlet side or all,6MT,PCM cover with shear-off bolts	E0304DRX	1.6	◆Water pump inlet (E0303), R&R
WATER PUMP INLET GASKET, R&R	SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,Water outlet side or all,6AT,Without i-stop,PCM cover with standard bolts	E0304ERX	1.5	◆Water pump inlet (E0303), R&R
WATER PUMP INLET GASKET, R&R	SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,Water outlet side or all,6AT,Without i-stop,PCM cover with shear-off bolts	E0304FRX	1.6	◆Water pump inlet (E0303), R&R
WATER PUMP INLET GASKET, R&R	SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,Water outlet side or all,6AT,With i-stop,PCM cover with standard bolts	E0304GRX	1.6	◆Water pump inlet (E0303), R&R
WATER PUMP INLET GASKET, R&R	SKYACTIV-G 2.0,Without Coolant Control Valve,Without Cylinder Deactivation,Water outlet side or all,6AT,With i-stop,PCM cover with shear-off bolts	E0304HRX	1.7	◆Water pump inlet (E0303), R&R
WATER PUMP INLET GASKET, R&R	[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,Water pump side]/[SKYACTIV-G 2.0,With Coolant Control Valve,With Cylinder Deactivation,Water pump side]	E0304PRX	1.0	◆Water pump assembly and/or gasket (E0101), R&R
WATER PUMP INLET GASKET, R&R	SKYACTIV-G 2.0,With Coolant Control Valve,With Cylinder Deactivation,Cylinder head side,PCM cover with standard bolts	E0304ZRX	1.7	



## ILLUSTRATION

OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
WATER PUMP INLET GASKET, R&R	[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,Cylinder head side]/[SKYACTIV-G 2.0,With Coolant Control Valve,With Cylinder Deactivation,Cylinder head side,PCM cover with shear-off bolts]	E0304QRX	1.8	
WATER PUMP INLET GASKET, R&R	[SKYACTIV-G 2.0,With Coolant Control Valve,Without Cylinder Deactivation,All]/[SKYACTIV-G 2.0,With Coolant Control Valve,With Cylinder Deactivation,All]	E0304RRX	2.1	◆Water pump assembly and/or gasket (E0101), R&R
WATER PUMP INLET GASKET, R&R	SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,Water outlet side or all,PCM cover with standard bolts	E0304JRX	1.5	◆Water pump inlet (E0303), R&R
WATER PUMP INLET GASKET, R&R	SKYACTIV-G 2.5,Without Coolant Control Valve,Without Cylinder Deactivation,Water outlet side or all,PCM cover with shear-off bolts	E0304KRX	1.6	◆Water pump inlet (E0303), R&R
WATER PUMP INLET GASKET, R&R	SKYACTIV-G 2.5,With Coolant Control Valve,Water pump side	E0304LRX	1.0	◆Water pump assembly and/or gasket (E0101), R&R
WATER PUMP INLET GASKET, R&R	SKYACTIV-G 2.5,With Coolant Control Valve,Cylinder head side	E0304MRX	1.8	
WATER PUMP INLET GASKET, R&R	SKYACTIV-G 2.5,With Coolant Control Valve,All	E0304NRX	2.1	◆Water pump assembly and/or gasket (E0101), R&R
WATER PUMP INLET GASKET, R&R	SKYACTIV-G 2.5T,Water pump side,Without i-stop	E0304SRX	1.1	◆Water pump assembly and/or gasket (E0101), R&R
WATER PUMP INLET GASKET, R&R	SKYACTIV-G 2.5T,Water pump side,With i-stop	E0304TRX	1.2	◆Water pump assembly and/or gasket (E0101), R&R

## ILLUSTRATION

OPERATION	VARIATION	OPERATION NUMBER	REPAIR TIME	INCLUDES
<b>WATER PUMP INLET GASKET, R&amp;R</b>	<b>SKYACTIV-G 2.5T,Water outlet side,2WD</b>	<b>E03041RX</b>	<b>4.1</b>	◆ <b>Front crossmember assembly, R&amp;R</b> ◆ <b>Turbocharger assembly and/or gasket (F0111), R&amp;R</b> [Turbocharger gasket]
WATER PUMP INLET GASKET, R&R	<b>SKYACTIV-G 2.5T,Water outlet side,4WD,Without i-stop</b>	E0304URX	4.0	◆Front crossmember assembly, R&R◆ Turbocharger assembly and/or gasket (F0111), R&R [Turbocharger gasket]
WATER PUMP INLET GASKET, R&R	<b>SKYACTIV-G 2.5T,Water outlet side,4WD,With i-stop</b>	E0304VRX	4.1	◆Front crossmember assembly, R&R◆ Turbocharger assembly and/or gasket (F0111), R&R [Turbocharger gasket]
WATER PUMP INLET GASKET, R&R	SKYACTIV-G 2.5T,All,Without i-stop	E0304WRX	4.1	◆Front crossmember assembly, R&R◆ Turbocharger assembly and/or gasket (F0111), R&R [Turbocharger gasket]
WATER PUMP INLET GASKET, R&R	SKYACTIV-G 2.5T,All,With i-stop	E0304YRX	4.2	◆Front crossmember assembly, R&R◆ Turbocharger assembly and/or gasket (F0111), R&R [Turbocharger gasket]
WATER BYPASS PIPE AND/OR "O" RING, R&R	SKYACTIV-G 2.5T,Without i-stop	E0307ARX	4.0	◆Front crossmember assembly, R&R◆ Turbocharger assembly and/or gasket (F0111), R&R [Turbocharger gasket]
WATER BYPASS PIPE AND/OR "O" RING, R&R	SKYACTIV-G 2.5T,With i-stop	E0307BRX	4.1	◆Front crossmember assembly, R&R◆ Turbocharger assembly and/or gasket (F0111), R&R [Turbocharger gasket]
WATER BYPASS PIPE AND/OR "O" RING, R&R	[SKYACTIV-D 2.2,Fuel injector (2pin type)]/[SKYACTIV-D 2.2,Fuel injector (6pin type),Without SCR system]/[SKYACTIV-D 2.2,Fuel injector (6pin type),With SCR system]	E0307XRX	2.4	◆Intake manifold gasket (F0102), R&R