

Component Procedures: Radiator

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Component Procedures: Radiator

Parts and Labor (itype_189)

Parts

Qualifier	Part #	Name	Price	Note
Radiator > Manual Trans	22786864	1 - Radiator	0.00	
Radiator > Auto Trans	22786865	1 - Radiator	464.22	

Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Remove & Replace	Radiator > Cap, R&R	C	0.2	0.2
Remove & Replace	Radiator > Lower Hose, R&R	C	1.4	0.7
Remove & Replace	Radiator > Radiator, R&R > Auto Trans	B	1.8	0.0
Remove & Replace	Radiator > Radiator, R&R > Manual Trans	B	1.7	1.0
Remove & Replace	Radiator > Upper Hose, R&R	C	1.4	0.7

Radiator Replacement (LFX, LSA) (Article 11904)

Removal Procedure

- Drain the engine cooling system . Refer to Cooling System Draining and Filling .
- Remove the engine coolant fan shroud from the radiator . Refer to Engine Coolant Fan Shroud Replacement .
- Remove the radiator inlet hose and outlet hose from the radiator. Refer to Radiator Inlet Hose Replacement and Radiator Outlet Hose Replacement .
- Remove the radiator upper bracket. Refer to Radiator Upper Bracket Replacement .
- Remove the air conditioning condenser bolts. Refer to Air Conditioning Condenser Replacement .
- Remove the auxiliary transmission cooler bolts, if equipped. Refer to Transmission Fluid Auxiliary Cooler Replacement .
- Remove the engine oil cooler pipe from the lower radiator assembly, if equipped. Refer to Engine Oil Cooler Pipe Replacement .
- Unclip the supercharger hose from the radiator.
- Remove the transmission fluid auxiliary cooler pipe from the radiator if equipped. Refer to Transmission Fluid Auxiliary Cooler Pipe Replacement - Cooler Hose/Pipe to Transmission Cooler .
- Remove the transmission fluid auxiliary cooler inlet and outlet pipes if equipped. Refer to Transmission Fluid Auxiliary Cooler Inlet Pipe Replacement - Cooler Pipe to Auxiliary Cooler and Transmission Fluid Auxiliary Cooler Outlet Pipe Replacement - Cooler Hose/Pipe to Front Cooler Pipe .
- Tilt the radiator (1) back, and lift up to remove the radiator assembly. Click for full-size image

Installation Procedure

- Install the radiator assembly (1). Click for full-size image
- Install the transmission fluid auxiliary cooler inlet and outlet pipes, if equipped. Refer to Transmission Fluid Auxiliary Cooler Inlet Pipe Replacement - Cooler Pipe to Auxiliary Cooler and Transmission Fluid Auxiliary Cooler Outlet Pipe Replacement - Cooler Hose/Pipe to Front Cooler Pipe .
- Install the transmission fluid auxiliary cooler pipe to the radiator if equipped. Refer to Transmission Fluid Auxiliary Cooler Pipe Replacement - Cooler Hose/Pipe to Transmission Cooler .
- Clip the supercharger hose to the radiator.
- Install the engine oil cooler pipe to the radiator. Refer to Engine Oil Cooler Pipe Replacement
- Install the auxiliary transmission cooler bolts, if equipped. Refer to Transmission Fluid Auxiliary Cooler Replacement
- Install the air conditioning condenser bolts. Refer to Air Conditioning Condenser Replacement .
- Install the radiator upper bracket. Refer to Radiator Upper Bracket Replacement .
- Install the radiator inlet hose and outlet hose to the radiator. Refer to Radiator Inlet Hose Replacement and Radiator Outlet Hose Replacement .
- Install the engine coolant fan shroud to the radiator. Refer to Engine Coolant Fan Shroud Replacement .
- Fill the engine cooling system. Refer to Cooling System Draining and Filling .

Radiator Air Side Baffle and Deflector Replacement (Left) (Article 11890)

Callout Component Name

Preliminary Procedure Remove front bumper fascia. Refer to Front Bumper Fascia Replacement .

Preliminary Procedure

Remove front bumper fascia. Refer to Front Bumper Fascia Replacement .

1 Radiator Air Side Baffle and Deflector Left Retainer (Qty: 2)

2 Radiator Air Side Baffle and Deflector Left

Radiator Air Side Baffle and Deflector Replacement (Right) (Article 11893)

Callout Component Name

Preliminary Procedure Remove front bumper fascia. Refer to Front Bumper Fascia Replacement .

Preliminary Procedure

Remove front bumper fascia. Refer to Front Bumper Fascia Replacement .

1 Radiator Air Side Baffle and Deflector Right Retainer (Qty: 2)

2 Radiator Air Side Baffle and Deflector Right

Radiator Air Inlet Duct Replacement (Article 11888)

Callout Component Name

Preliminary Procedures Remove front bumper fascia. Refer to Front Bumper Fascia Replacement . Remove the ambient air temperature sensor . Refer to Ambient Air Temperature Sensor Replacement .

Preliminary Procedures

- Remove front bumper fascia. Refer to Front Bumper Fascia Replacement .

- Remove the ambient air temperature sensor . Refer to Ambient Air Temperature Sensor Replacement .

1 Radiator Air Inlet Duct Retainer (Qty: 4)

2 Radiator Air Inlet Duct