

# Component Procedures: Ignition Coil

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# Component Procedures: Ignition Coil

## Parts and Labor (itype\_189)

### Parts

Qualifier	Part #	Name	Price	Note
Ignition Coil > Delphi	12573190	Ignition Coil	123.81	Ignition Module Included.
Ignition Coil > Melco-Mitsub?	12611424	Ignition Coil	156.62	

### Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Remove & Replace	Ignition System > Ignition Coil, R&R > Left B?	B	0.3	0.2
Remove & Replace	Ignition System > Ignition Coil, R&R > Left B?	B	1.6	0.0
Remove & Replace	Ignition System > Ignition Coil, R&R > Left B?	B	0.3	0.2
Remove & Replace	Ignition System > Ignition Coil, R&R > Left B?	B	0.2	0.2
Remove & Replace	Ignition System > Ignition Coil, R&R > Left B?	B	1.9	0.0
Remove & Replace	Ignition System > Ignition Coil, R&R > Right ?	B	0.3	0.2
Remove & Replace	Ignition System > Ignition Coil, R&R > Right ?	B	0.2	0.2
Remove & Replace	Ignition System > Ignition Coil, R&R > Right ?	B	0.6	0.0
Remove & Replace	Ignition System > Ignition Coil, R&R > Both B?	B	2.3	0.0

## Ignition Coil Replacement - Bank 1 (Article 11450)

### Removal Procedure

- Ignition OFF.
- Remove the rear intake manifold cover. Refer to Intake Manifold Cover Replacement - Rear .
- If replacing the number three cylinder coil, remove the evaporative emission s canister purge solenoid valve. Refer to Evaporative Emission Canister Purge Solenoid Valve Replacement .
- Disconnect the ignition coil harness connectors from the ignition coils . Click for full-size image
- Remove the ignition coil to camshaft cover retaining bolts (1).
- Remove the ignition coils (2) from the vehicle.

### Installation Procedure

- Install the ignition coils (2) to the vehicle. Click for full-size image
- Install the ignition coil to camshaft cover retaining bolts (1) and tighten to 10 Nm (89 lb in) .
- Connect the ignition coil harness connectors to the ignition coils.
- If replacing the number three cylinder coil, install the evaporative emissions canister purge solenoid valve . Refer to Evaporative Emission Canister Purge Solenoid Valve Replacement .
- Install the rear intake manifold cover. Refer to Intake Manifold Cover Replacement - Rear .

## Ignition Coil Replacement - Bank 2 (Article 11451)

### Removal Procedure

- Ignition OFF.
- Disconnect the battery negative cable. Refer to Battery Negative Cable Disconnection and Connection .
- Remove the intake manifold sight shield.
- Remove the ignition coil harness connectors from the ignition coils . Click for full-size image
- Remove the ignition coil to camshaft cover retaining bolts (1).
- Remove the ignition coils (2) from the vehicle.

### Installation Procedure

- Install the ignition coils (2) to the vehicle. Click for full-size image
- Install the ignition coil to camshaft cover retaining bolts (1) and tighten to 10 Nm (89 lb in) .
- Install the ignition coil harness connectors to the ignition coils.
- Install the intake manifold sight shield.
- Connect the battery negative cable. Refer to Battery Negative Cable Disconnection and Connection .

## All Technical Service Bulletins (itype\_100)

### Tsbs

- Engine Controls - Single Cylinder Misfire Diagnostics (PIP5062C, 2014/05/02)

## Repair Tips (itype\_110)

Tsbs

- Engine Controls - Single Cylinder Misfire Diagnostics (PIP5062C, 2014/05/02)