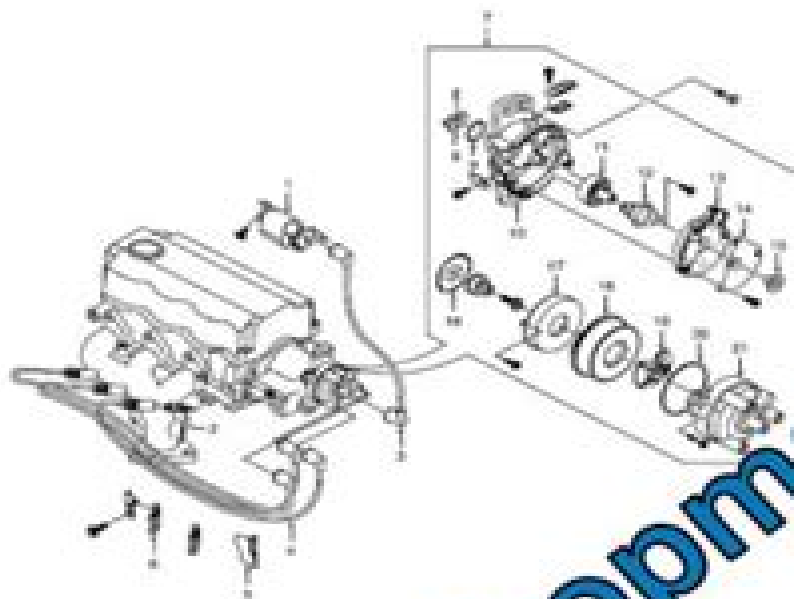


# Chevrolet Spark Workshop Manual

## ENGINE ELECTRICAL 15E-15 ENGINE ELECTRICAL

### IGNITION SYSTEM



- |                               |                         |
|-------------------------------|-------------------------|
| 1 Ignition Coil               | 10 Distributor Housing  |
| 2 Spark Plug                  | 11 Distributor Shaft    |
| 3 Ignition Wire (40)          |                         |
| 4 Ignition Wires (31, 42, 43) |                         |
| 5 Support Clamp               |                         |
| 6 Mounting Clamp              |                         |
| 7 Distributor Assembly        |                         |
| 8 Coupling                    |                         |
| 9 Distributor Oil Seal        |                         |
|                               | 12 Ignition Sensor Unit |
|                               | 13 Drive Shaft          |
|                               | 14 Bushing              |
|                               | 15 Gear Wheel           |
|                               | 16 Inner Cover          |
|                               | 17 Outer Cover          |
|                               | 18 Distributor Rotor    |
|                               | 19 Distributor Cap Seal |
|                               | 20 Distributor Cap      |

### Installation Process

1. Install in the reverse order of removal.
2. Install the engine mounting lower bracket bolts and nuts to 55-65 ft-lbs (55-65 N-m).

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3. Tighten the engine mounting lower bracket bolts and nuts to 55-65 ft-lbs (55-65 N-m).
4. Tighten the engine mounting lower bracket, attach the engine mounting lower bracket and nut to 55-65 ft-lbs (55-65 N-m).

5. Install the bolts and nut.

### Tighten

- Tighten the generator adjusting bolt to 4-7 ft-lbs (4-7 N-m) (4).
- Tighten the generator lower bracket bolt and nut to 18-25 ft-lbs (18-25 N-m) (5).
- Inspect the generator drive belt tension.

### BATTERY

#### Removal Procedure

1. Disconnect the negative battery cable and then disconnect the positive battery cable.
  - Remove the battery cable nut to disconnect the negative battery cable (1).
  - Remove the battery terminal cap (2).
  - Remove the battery cable nut to disconnect the positive battery cable (3).

2. Remove the battery.
  - Remove the battery nut (1).
  - Remove the battery nut (2).
  - Remove the battery (3).

# Chevrolet Spark 2011 Service Repair Manual

**Robert Maddox, John Harold Haynes**



## **Chevrolet Spark 2011 Service Repair Manual:**

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