

Component Procedures: Vacuum Pump

Table of Contents

1. Parts and Labor (itype_189)
2. Vacuum Pump - Schematic Diagrams (Article 45168)
3. Vacuum Pump - Components and Components Location (Article 45167)
4. Vacuum Pump - Repair Procedures (Article 45170)

Component Procedures: Vacuum Pump

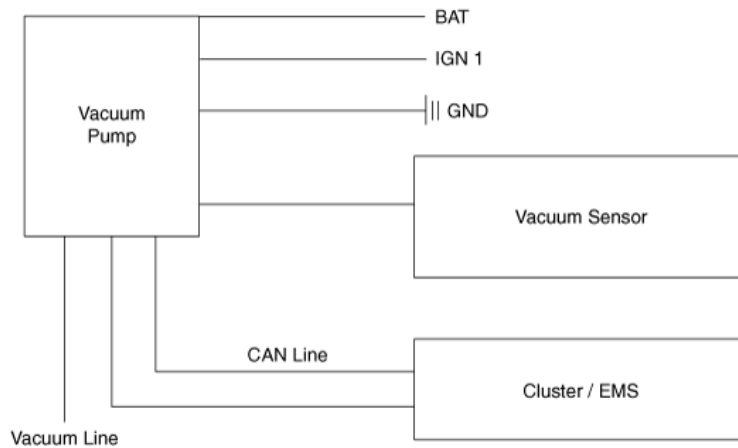
Parts and Labor (itype_189)

Labor

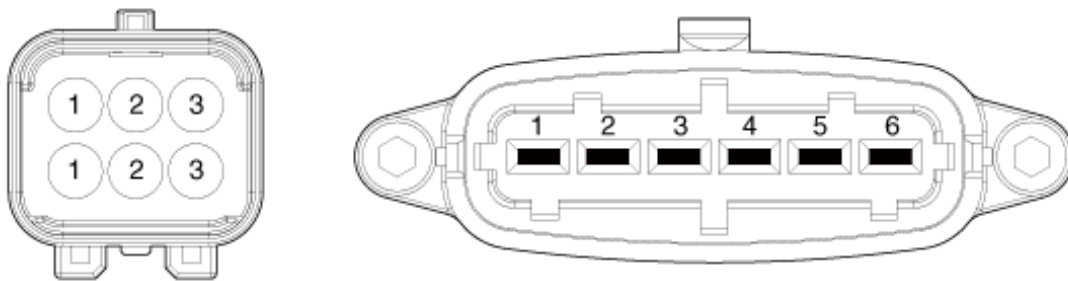
Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Remove & Replace	Hydraulic System > Vacuum Pump, R&R	B	6.8	0.0

Vacuum Pump - Schematic Diagrams (Article 45168)

- Schematic diagram



- Terminal function

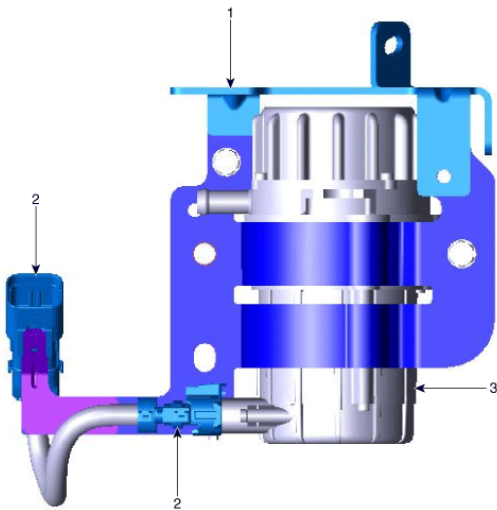


Pin No Description Wire color

- 1 Ground Black
- 2 CAN High White
- 3 CAN Low Yellow
- 4 Vacuum Sensor Pink
- 5 IGN 1 Blue
- 6 Battery (+) Blue

Vacuum Pump - Components and Components Location (Article 45167)

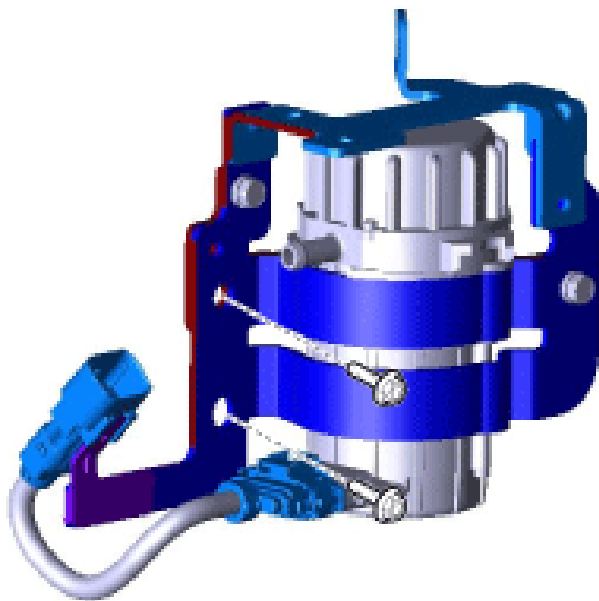
- Components



1. Vacuum pump bracket 2. Vacuum pump connector 3. Vacuum pump

Vacuum Pump - Repair Procedures (Article 45170)

- Remove
- Turn ignition switch OFF and disconnect the negative (-) battery cable.
- Raise the vehicle, and make sure it is securely supported.
- Remove the under covers. (Refer to Engine Mechanical System - "Engine Room Under Cover")
- Disconnect the vacuum hose after removing the fixed clip.
- Disconnect the connector and then remove the vacuum pump . Tightening torque : 19.6 - 29.4 N.m (2.0 - 3.0 kgf.m, 14.5 - 21.7 lb-ft)



- Installation is the reverse of removal.