



**IMPORTANT SERVICE
INFORMATION FOR:**

- ✓ SERVICE MANAGER
- ✓ SERVICE ADVISOR
- ✓ TECHNICIAN
- ✓ PARTS DEPARTMENT
- ✓ WARRANTY PERSONNEL

BULLETIN NUMBER:
SB23-J-001B

ISSUE DATE:
DECEMBER 2024

GROUP:
ENGINE

N-GAS VACUUM PUMP REPLACEMENT PART UPDATE

AFFECTED VEHICLES

- 2008MY – 2022MY Isuzu N-Series Vehicles equipped with 6.0L Gasoline Engines

This bulletin supersedes service bulletin SB23-J-001A. This bulletin is being revised to update an email address. Please discard previous bulletin SB23-J-001A.

INFORMATION

The vacuum pump service part for affected vehicles listed in this bulletin has been superseded and is now the same vacuum pump that is the service part for the 6.6L gas engine. The updated pump requires the outlet vacuum hose to be rerouted for proper fitment. Follow the service procedure below to install the updated replacement vacuum pump and reroute the outlet vacuum hose as set forth below.

In order to improve the supply of these parts it has been decided to revert to making vacuum pumps available individually rather than in kits. **IT IS ESSENTIAL THAT THE CORRECT PULLEY FOR THE APPLICATION IS USED (REFER TO TABLE BELOW).** Part numbers are as follows:

Part Number	Description	Application	Use Pulley Part Number
8976569800	PUMP; VAC	6.0L Gas Engine	8975421801
		6.6L Gas Engine	8976577030
8982507120	CLIP; BAND (ZIP TIE)	6.0L Gas Engine	—

NOTE: If you have a vehicle that has an additional drive belt due to an upfit such as a sweeper application, and therefore does not have clearance for the tapered design pulley, please contact partstech@isuzu.com for part number information

SERVICE PROCEDURE

Removal

1. Remove the drive belt from the drive pulley.
2. Remove the two (2) vacuum hoses (inlet and outlet) from the vacuum pump.
3. Remove zip ties holding the upper vacuum line from the vacuum pump back to the curve of the Air Inlet Duct. (See Figure 1.)

NOTE: Zip tie locations for removal may vary according to model year.

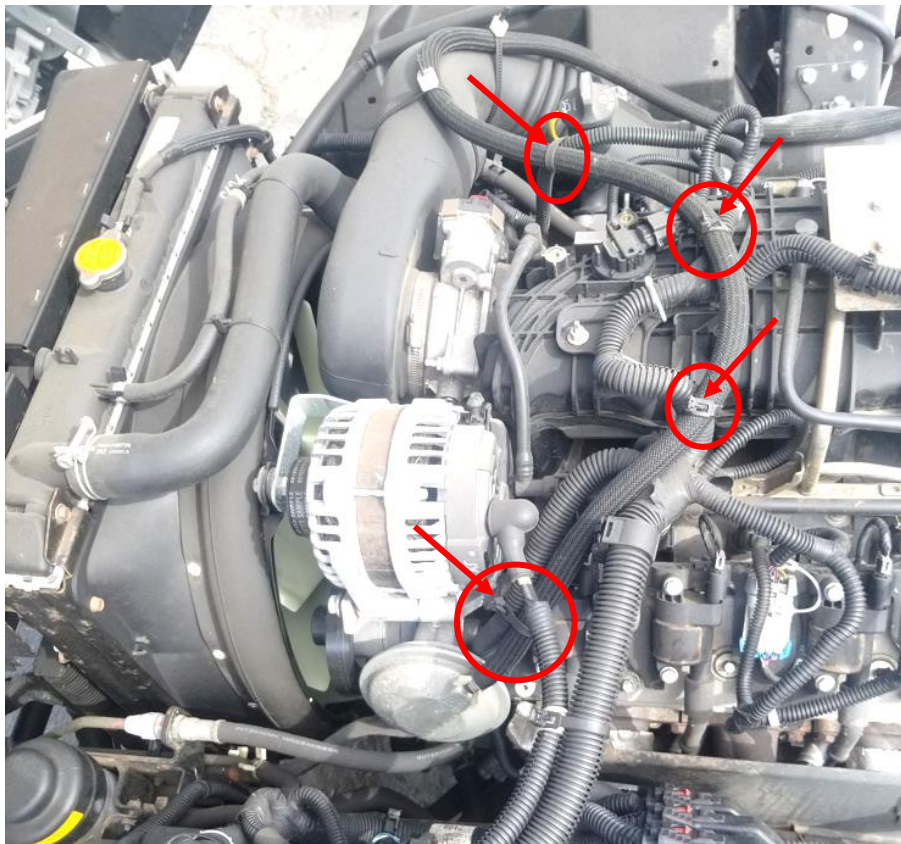


Figure 1

4. Working through the pulley access holes, remove the three (3) vacuum pump mounting bolts. Save these bolts for reassembly.
5. Remove the vacuum pump from the accessory bracket.
6. Install a new vacuum pump pulley onto the replacement vacuum pump using special tool EN-49756 Vacuum Pump Pulley Installer.

NOTE: Pump damage may occur if proper installation procedures are not followed.

7. Ensure that the mounting surface of the engine is clean and free of debris.
8. Install the pump onto the engine and working through the access holes in the pulley install the three mounting bolts.

Tightening torque:	25 N·m (18 lb·ft)
--------------------	-------------------

9. Connect the inlet vacuum line onto the vacuum pump inlet fitting.
10. Reroute the outlet vacuum hose along the inlet air duct, in front of the upper radiator hose, attaching the line to the hose with two (2) zip ties as shown in Figure 2. Complete the routing by connecting the end of the vacuum hose to the vacuum pump outlet fitting.

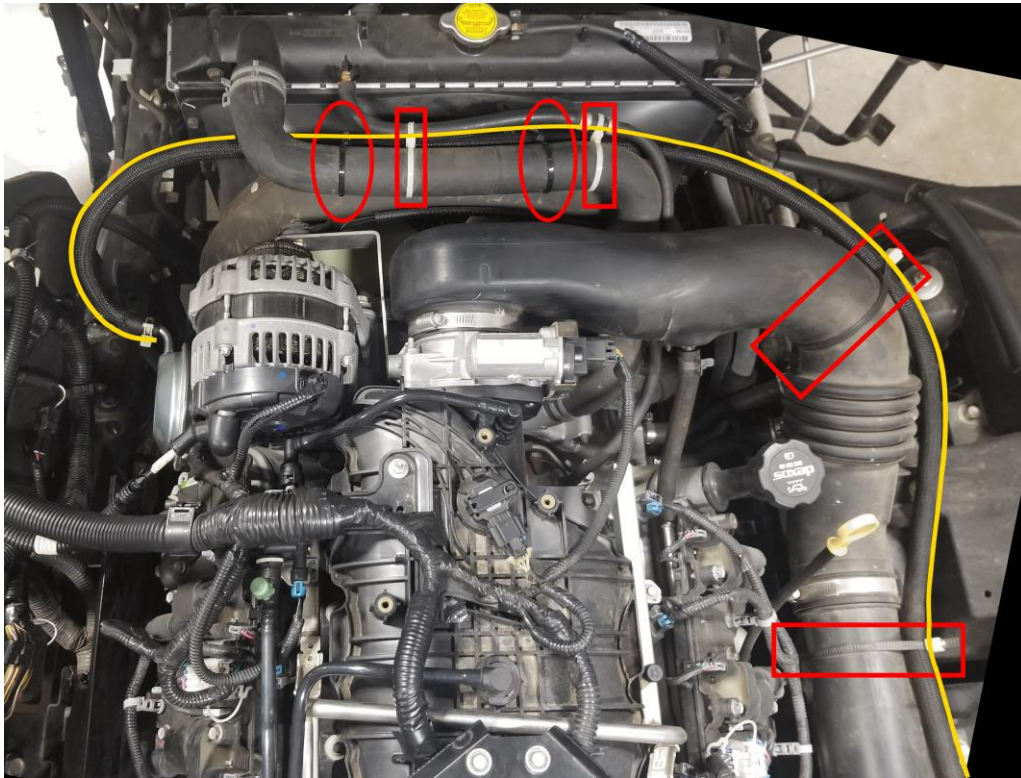


Figure 2

Line – New route of vacuum line.

Rectangles – Original zip ties, do not remove.

Ovals – Placement of new zip ties.

11. Install the drive belt on the drive pulley.