



**IMPORTANT SERVICE
INFORMATION FOR:**

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

BULLETIN NUMBER:
SB19-J-001

ISSUE DATE:
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GROUP:
ENGINE

OIL IN THE AIR CLEANER – UPDATED AIR INTAKE DUCT (SERVICE PART)

AFFECTED VEHICLES

- 2011-2019MY Isuzu N-Series Vehicles Produced prior to May 28, 2018
Equipped with 5.2L (4HK1) Diesel Engines

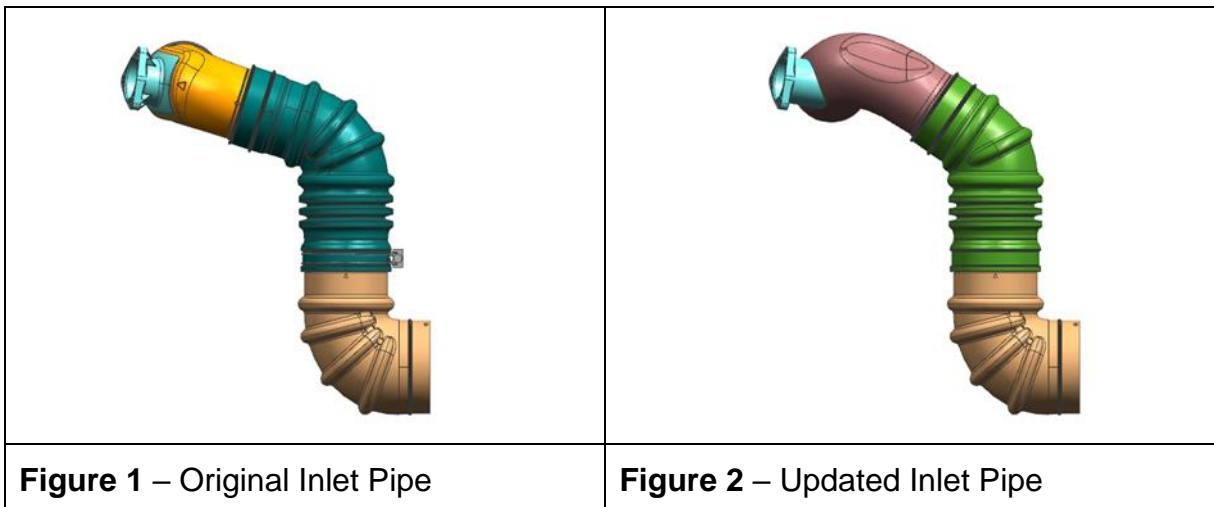
INFORMATION

Some customers may experience issues with oil dripping from the air cleaner or an oil soaked filter element, along with illuminated Check Engine (CEL) and Check Air Filter warning lamps.

The purpose of this bulletin is to announce the availability of a new air inlet duct that will reduce the PCV oil remnants entering the air cleaner and an updated drain plate that will prevent gear train oil splash from entering the PCV system.

See the Service Procedure in this bulletin for parts and installation information.

SERVICE PROCEDURE



INLET PIPE REMOVAL & INSTALLATION

1. Remove three (3) 10mm bolts from the PCV flange pipe and loosen the PCV flange from inlet pipe. (See Figure 3.)

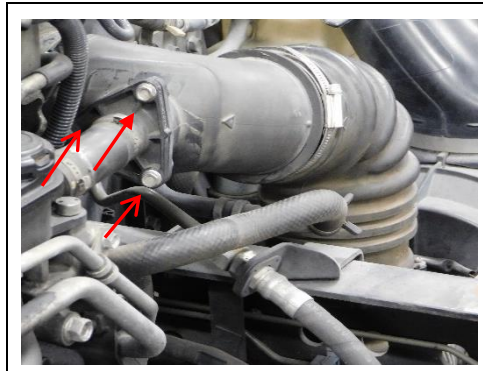


Figure 3

2. Loosen the air duct clamp at the air filter housing (using a 10mm socket).
3. Loosen the air duct clamp at the turbo charger (using a 7mm socket).
4. Remove the air duct as an assembly while also removing the PCV flange from the inlet pipe.
5. Assemble the new duct using the new inlet pipe, new connector hose, and new clamp (see Figure 4) and torque clamp to 6.4 N·m (57 lb·in). Transfer air filter housing clamp to the updated air duct.

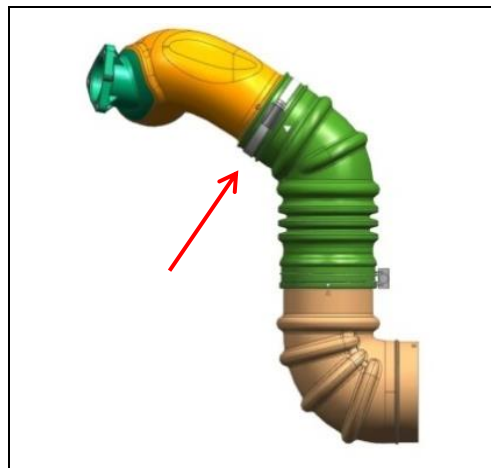
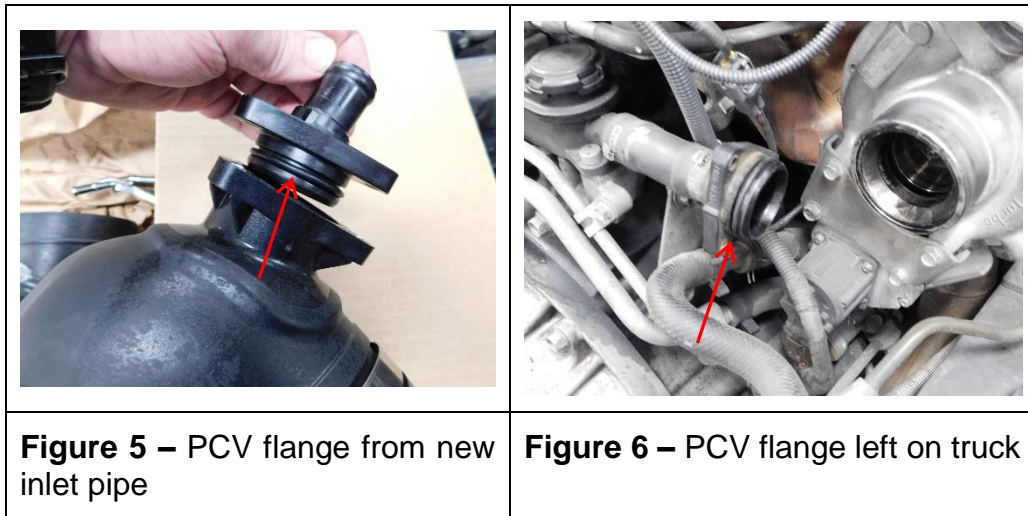


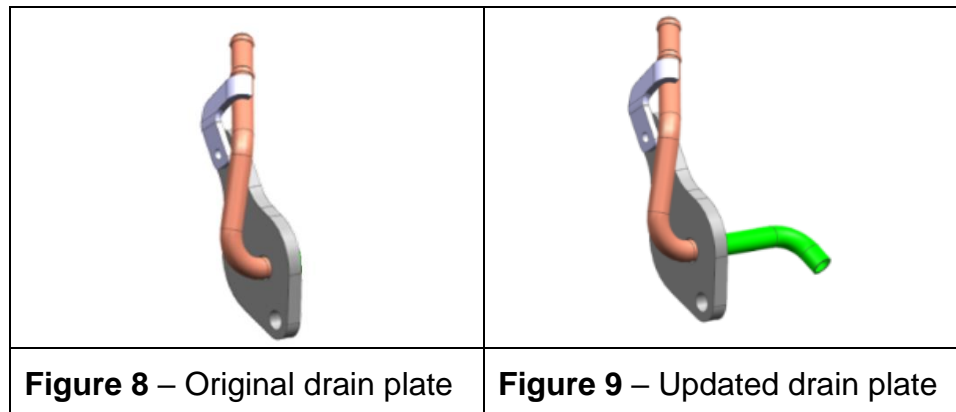
Figure 4 – New clamp location

6. Remove PCV flange from the new inlet pipe and remove the “O”-ring from the PCV flange to use in Step 7. (See Figure 5.)
7. Replace the “O”-ring for PCV flange on the truck with the “O”-ring removed from the new inlet pipe in Step 6. (See Figure 6.)



8. Ensure the air filter housing and turbocharger clamps are in place on the air duct assembly and install first onto the turbocharger inlet side. Guide the PCV flange into place during installation being careful not to pinch the “O”-ring during assembly. Then install duct onto the air cleaner.
9. Insert and torque the three (3) PCV flange mounting bolts to 9 N·m (78 lb·in).
10. Torque the air duct assembly turbocharger clamp to 6.4 N·m (57 lb·in). Then torque the air filter housing clamp to 4 N·m (35.5 lb·in).

DRAIN PLATE REMOVAL & INSTALLATION



11. For single cab vehicles tilt the cab forward following the instructions found in the applicable Workshop Manual (WSM). For crew cab vehicles remove engine cover and then remove the transmission oil fill tube. (See Figure 10.)



Figure 10

12. Using a flat blade screwdriver remove the lower clip (Oetiker clamp) from the PCV drain hose and disconnect the hose. (See Figure 11.)
13. Remove the two (2) tamper proof bolts (Figure 11) from drain plate using Special Tool EN-48711. (See Figure 12.)
14. Remove old drain plate. (See Figure 11.)

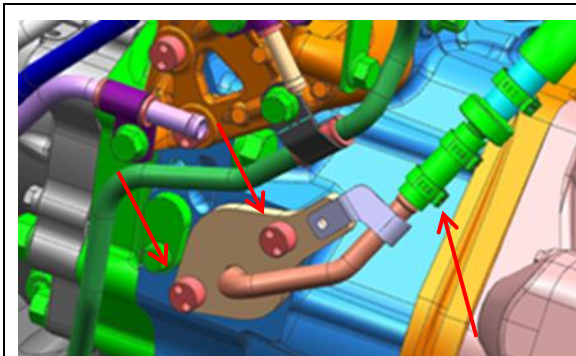


Figure 11

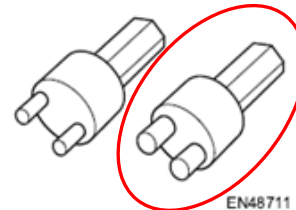
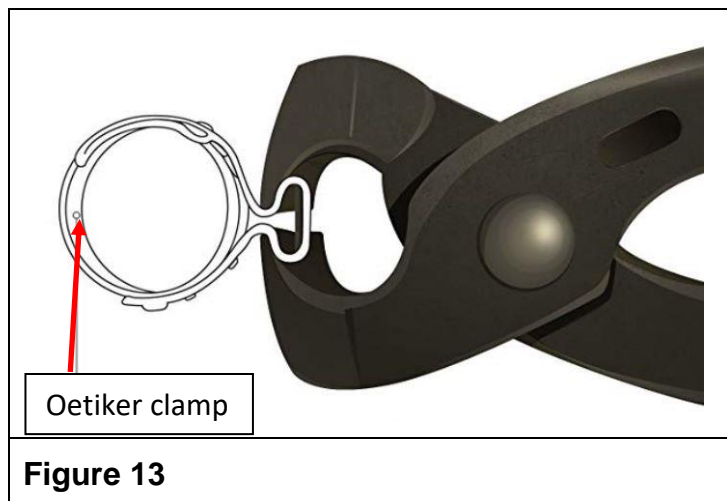


Figure 12

15. Wipe the installation surface of drain adaptor (engine side) with a clean rag to remove oil and foreign matter.
16. Install rubber packing onto the new drain plate.
17. Place a new clip on the PCV drain hose and connect the hose to the drain plate. Install new lower clip (Oetiker clamp). (See Figure 13.)



18. Install the drain plate using new bolts and torque the bolts to 23.5 N·m (17.5 lb·in).
19. Check engine oil level. Adjust as necessary.
20. Check air filter and Mass Air Flow (MAF) sensor for oil contamination. If contamination is found, refer to the applicable WSM for repair procedure.
21. Perform MAF sensor relearning procedure as shown in the Installation Procedure for the Mass Air Flow (MAF) sensor in the applicable WSM.
22. For single cab, lower the cab and lock it in place in accordance with the instructions found in the WSM. For crew cab, install the transmission oil fill tube, torque the bolt to 47 N·m (35 lb ft). Install the engine cover.
23. Start vehicle and check drain plate for leaks.
24. If there are leaks in the drain plate return to Step 12. If there are no leaks, this service procedure is complete.

PARTS INFORMATION

The following new parts are now available from AIPDN.

Part Number	Description	QTY
8-98399-910-0	Inlet Pipe	1
8-98399-909-0	Connector Hose	1
1-09707-138-0	Duct Clamp (Clamp C)	1
8-97501-245-0	Drain Plate	1
8-98142-378-0	Rubber Hose, Oil Clip	1
8-98165-143-0	Drain Plate Bolts	2
8-94394-671-0	Drain Plate Packing	1

WARRANTY INFORMATION

The following labor operation information is provided for warranty claim submission (if the vehicle or replacement part is still under warranty).

Labor Operation	Description	Labor Time
J6040	Updated Air Duct Installation – Oil in the Air Cleaner Single Cab Double Cab	1.0 1.4