

Service Information

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Category F	Technical	Ref. No. E016/06	Page 1 of 1
Coverage <input type="checkbox"/> Distributor only <input checked="" type="checkbox"/> Please inform your dealers		Date Issued July 5, 2006	
Please convey this information to your <input type="checkbox"/> Director <input checked="" type="checkbox"/> General Manager <input checked="" type="checkbox"/> Warranty Dept. <input checked="" type="checkbox"/> Parts Dept. <input checked="" type="checkbox"/> Training Dept. <input checked="" type="checkbox"/> Field Rep.		Attachment Attachment 3 pages	
Applicable Model RX-8 (FE / SE)		Applicable Countries or Specifications Worldwide	

Subject: Parts Supersession Between Ventilation Kit, Oil Level Gauge and Oil Level Gauge Tube

DESCRIPTION

Please be advised there has been some complicated supersession between ventilation kit (N3Y1-13-S80A), oil level gauge tube (N3H1-10-4C2) and oil level gauge (N3H1-10-450C/D).

Supersession between new and old oil level gauges

P/# you order	New (Superseding) P/# to be delivered to you	Q'ty	Int.	Description
N3H1-10-450C	N3H1-10-450D	1	C	When you order C-level oil level gauge, D-level oil level gauge comes together with an oil level gauge tube (N3H1-10-4C2).
	N3H1-10-4C2	1	-	

Interchangeability Code:

C...A new part requires additional part(s) to be used in place of the former part.

Supersession between oil level gauge tube and ventilation kit

P/# you order	New (Superseding) P/# to be delivered to you	Q'ty	Int.	Description
N3H1-10-4C2	N3Y1-13-S80A	1	A	Oil level gauge tube (N3H1-10-4C2) is superseded by ventilation kit (N3Y1-13-S80A). For the installation procedure, refer to the attached procedure.

Interchangeability Code:

A...A new part can be used in place of the former part, but the former part cannot be used in place of the new part.

K. Tsuji

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COMPONENT PARTS OF VENTILATION KIT

The following are the component parts of ventilation kit:

- (1) Hose clip (1 pc)
- (2) PCV hose ass'y (1 pc)
- (3) Vacuum tube (1 pc)
- (4) Pipe (1 pc)
- (5) Oil filler pipe ass'y (1 pc)
- (6) Intake manifold gasket (2 pcs)
- (7) Throttle body gasket (1 pc)
- (8) Intake manifold gasket (3 pcs -- Std uses 1 pc and Hi uses 3 pcs.)
- (9) Intake manifold gasket (1 pc -- Only Hi uses this gasket.)
- (10) Ground bolt (1 pc)
- (11) Bolt (2 pcs)

VENTILATION SYSTEM REPLACEMENT PROCEDURE

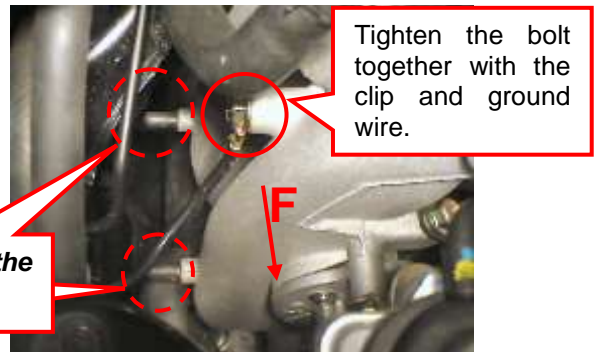
1. Remove the engine cover and battery cover, then disconnect the negative cable from the battery.
2. Disconnect the air hose.
3. Remove the throttle body. (Do not disconnect the water hose.)
4. Remove the extension manifold (upper).
As for high-power vehicle, loosen the bolts 1 – 5, and nuts 6 and 7, then remove the extension manifold (upper) from the vehicle.



As for standard power vehicle, loosen the bolts 1 – 3, and nuts 6 and 7.

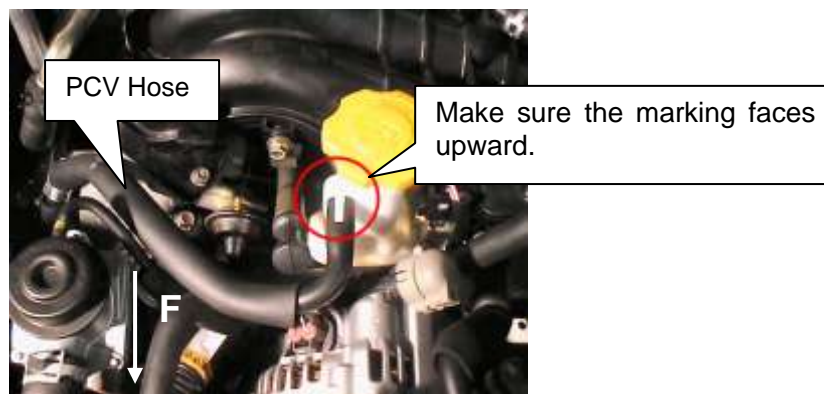
5. Replace the oil filler pipe ass'y of the extension manifold (upper) with a modified one.
Note: At this stage, the two bolts do not need to be tightened completely, but just place them. These will be tightened when the extension manifold is installed later.
6. Replace the gaskets on the extension manifold (upper), with modified ones. (4 gaskets on standard power vehicle, and 5 gaskets on the high-power vehicle)
7. Reinstall the extension manifold (upper) in the reverse order of removal.
Note 1: When installing the solenoid valves, pay special attention to the connector color of each solenoid valve and the layout of vacuum hose.
Note 2: Prior to tightening the bolts and nuts, be sure to adjust the position properly.

8. Tighten the ground bolt of the intake manifold together with the ground wire and clip.
Note: Make sure that the ground wire is positioned on the clip and the protrusion of the ground wire faces toward the bolt. (Tightening Torque: 18.6 – 23.2 N.m)



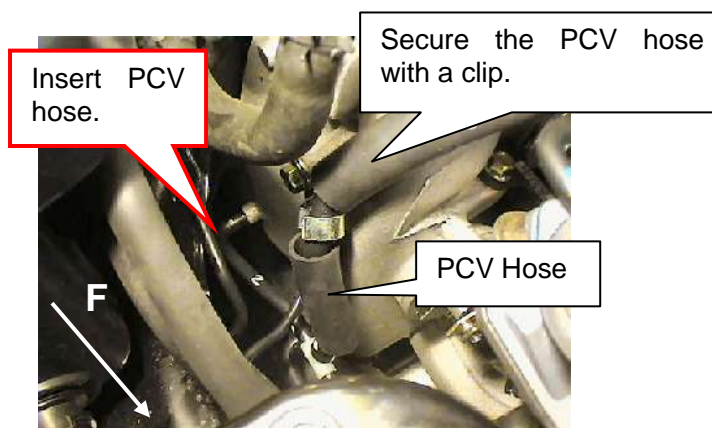
9. Remove the two blind caps from the boost pipes which are located under the intake manifold.
Note: Discard the blind cap.

10. Install a PCV hose in the extension manifold (upper).
Note: Make sure that the marking on the PCV hose comes to the top.



11. Secure the PCV hose with a clip.
Note: Make sure that the marking is not hidden.

12. Insert the PCV hose into the two boost pipes.

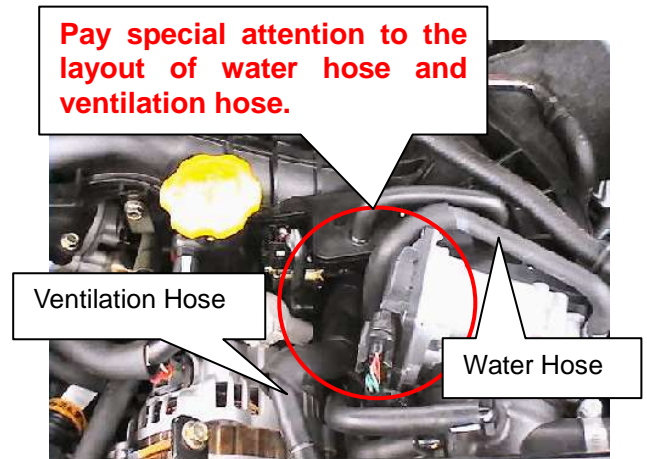
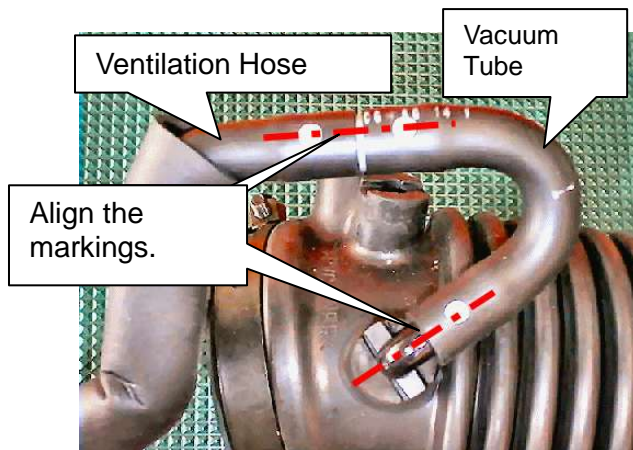


13. Replace the vacuum tube of the air hose with a modified one.
Note: Discard the replaced vacuum tube.

14. Install the air hose in the throttle body.

15. Insert a pipe in to the vacuum tube of the air hose.

16. Assemble the vacuum tube of air hose with the modified ventilation hose.
Note 1: Align the markings of vacuum tube, ventilation hose and air hose.
Note 2: When installing the ventilation hose, make sure that the water hose should be positioned under the ventilation hose.



17. Assemble other removed parts in reverse order of removal.
18. Reconnect the negative cable in the battery.
19. Reinstall the engine cover and battery cover.
Note 1: If the vehicle is equipped with dynamic stability control system (DSC system), be sure to perform the steering angle sensor adjustment after reconnecting the battery.
Note 2: Be sure to initialize the power window system.