

Classification:
EC05-012a

Reference:
ITB05-051a

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AIR FLOW METER SERVICE

**This bulletin has been amended. Applied Vehicles has been updated.
Please discard previous copies of this bulletin.**

APPLIED VEHICLES: 2003 - 2008 G35 (V35/V36 and CV35)
2004 - 2008 FX45/FX35 (S50)
2006 - 2008 M45/M35 (Y50)
2008 G37 (CV36)
2005 - 2006 Q45 (F50)
2008 EX35 (J50)

IF YOU CONFIRM

The airflow meter needs to be replaced for any reason,

ACTION

1. Remove the top of the air filter box with airflow meter assembly from the vehicle.
2. Remove the airflow meter sensor from the airflow meter housing.
3. Thoroughly clean the air filter box and the airflow meter housing.
4. Install a new airflow meter sensor.
 - Do Not replace the entire airflow meter housing; replace only the sensor listed in the Parts information.
5. Reinstall the top of the air filter box with airflow meter assembly back into the vehicle with a new Genuine Nissan air filter.

IMPORTANT: The purpose of "ACTION" (above) is to give you a quick idea of the work you will be performing. You **MUST** closely follow the entire Service Procedure (starting on page 2) as it contains information that is essential to successfully completing this repair.

Infiniti Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. NOTE: If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Infiniti dealer to determine if this applies to your vehicle.

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
Airflow Meter (sensor only)	22680-7S000	1
Air Filter Element	See Parts Catalog	1

CLAIMS INFORMATION

Submit a Primary Failed Part (PP) line claim using the following claims coding:

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Replace Air Flow Sensor & Air Filter Element	(1)	DE18AA	HD	32	(2)

(1) Reference the Parts Information table and use the Air Flow Meter P/N as the PFP.

(2) Reference the current Infiniti Warranty Flat Rate Manual and use the indicated FRT.

SERVICE PROCEDURE

1. Remove the top of the air filter box with airflow meter assembly from the vehicle.
 - Refer to section EC in the appropriate Electronic Service Manual (ESM) for vehicle specific removal information.
2. Remove the airflow meter sensor from the airflow meter housing.
 - It's held on with 2 T20 Tamper Resistant Torx® screws.



Figure 1

3. Thoroughly clean the air filter box and the airflow meter housing.
 - Wipe out the entire inside area of the airflow meter housing with a clean rag (see Figure 2).
 - Use low-pressure compressed air or a shop vacuum to clean out all dust, dirt, and debris from inside both halves of the air filter box and inside of the airflow meter housing (see Figures 2 and 3).

CAUTION:

- Cover the ducting from the throttle body with a clean shop towel or other method so dirt or debris can not enter the engine intake manifold.

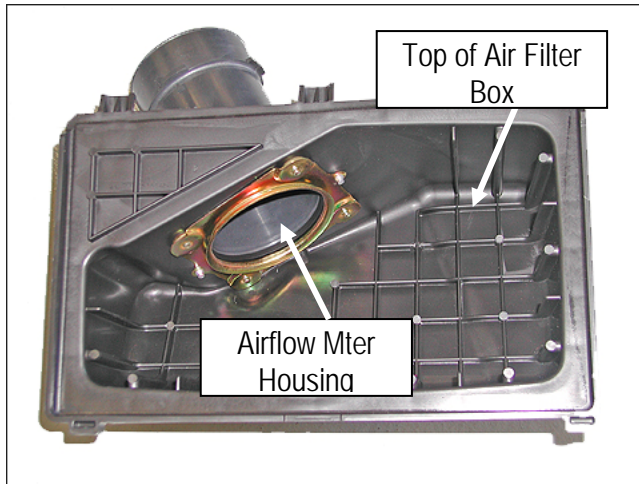


Figure 2

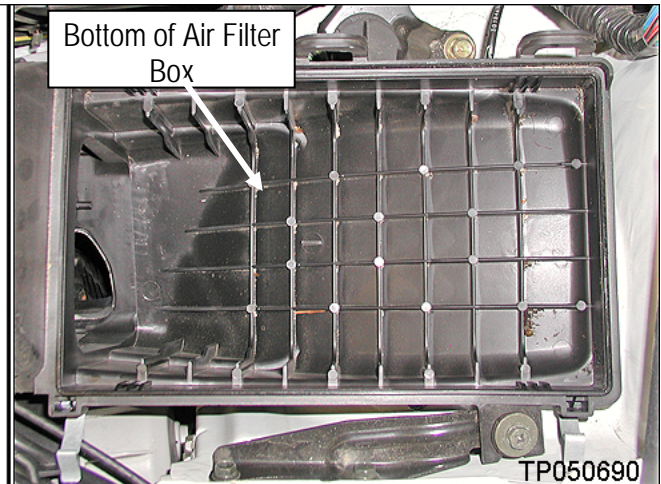


Figure 3

4. Install the new airflow meter sensor into the old airflow meter housing (see Figure 1).
 - Do Not replace the entire airflow meter housing; replace only the sensor listed in the Parts information.
 - Tighten the screws to 1.2 -1.8 N.m (0.12 – 0.18 Kg-m, 11 – 16 in-lb)
5. Reinstall the top of the air filter box with the airflow meter assembly back into the vehicle with a new Genuine Nissan air filter.

IMPORTANT:

- A new Genuine Nissan air filter element must be used for all warranty claims and any other claim for which Nissan pays.
- A new Genuine Nissan air filter element is designed to be compatible with the Nissan airflow meter and has proven to provide adequate dust protection.
- It is strongly recommended that customers continue using genuine Nissan air filters when replacement is required for routine maintenance.