



Installation Instructions

Part Number 33-2177-1

These instructions apply to: **See current K&N catalog for complete listings**

FREE K&N DECAL** To register your warranty, please see us online at knfilters.com/register. **FREE K&N DECAL

Congratulations, you have purchased the finest air filter that money can buy. With proper care, this filter will last 1 million miles or more. This filter is a direct replacement for the stock air filter, and no modifications will be required. However the following procedure **MUST** be followed to ensure a proper fit and seal of the K&N Air Filter.

INSTALLATION

Mazda MPV van 2.5L V6:

1. Carefully disconnect the electrical connectors for the boost sensor and the three-way valve that are mounted to the airbox lid. (Fig. 1)
2. Remove the wire harness for the boost sensor and three-way valve from the holder on the airbox lid.
3. Open the wire harness holder that is on the airbox base by carefully inserting a small flat blade screwdriver as shown in (Fig. 2) and gently prying the tab towards the front of the vehicle and gently pulling up on the wire harness at the same time to open the clip. If the clip does not open easily re-insert the screwdriver and try again.
4. Carefully disconnect the lower vacuum hose from the three-way valve that is on the airbox lid.
5. Carefully disconnect the hose that comes from the catch tank mounted on the airbox lid to the canister where it connects to the metal pipe attached to the drivers side strut tower bolt. (Fig. 1)
6. Carefully remove the three-way valve mounting bracket that is on the air intake tube and carefully disconnect the upper hose from the valve. (Fig. 1)
7. Carefully disconnect the electrical connector for the mass air sensor. (Fig. 1)
8. Loosen the hose clamp that connects the air intake tube to the mass air sensor and disconnect the tube from the sensor.
9. Remove the upper airbox mounting bolt and carefully lift the airbox assembly out of the vehicle. (Fig. 1)
10. Remove the stock air filter and wipe out any dust or dirt that might be inside. The airbox should be clean and dry so the self-sticking gasket will adhere to the airbox lid.
11. Apply the self-sticking gasket to the clean side of the airbox lid. (Fig. 3)
12. Install the K&N Air Filter into the airbox base making sure that the filter is fully seated into the airbox base then re-install the airbox lid being careful to not roll the gasket off of the airbox lid on the hinge side while doing this.
13. Re-install the airbox assembly into the vehicle making sure that the U-shaped channel on the bottom of the airbox is properly attached to the rubber mounting grommet on the vehicle. Re-connect all bolts, sensors and hoses in the reverse order of removal.

European vehicles:

1. Loosen the hose clamp that connects the air intake tube to the airbox lid. Disconnect the tube from the lid.
2. Carefully disconnect any electrical connectors and vacuum hoses that may be attached to the lid.
3. Remove the airbox lid from the vehicle.
4. Remove the stock air filter and wipe out any dust or dirt that might be inside. The airbox should be clean and dry so the self-sticking gasket will adhere to the airbox lid.
5. Apply the self-sticking gasket to the clean side of the airbox lid. (Fig. 3)
6. Install the K&N Air Filter into the airbox base making sure that the filter is fully seated into the airbox base then re-install the airbox lid being careful to not roll the gasket off of the airbox lid on the hinge side while doing this.
7. Reconnect any electrical connectors and vacuum hoses that were disconnected from the airbox lid in step 2.
8. Reinstall the air intake tube to the airbox lid and tighten the hose clamp.

THESE INSTRUCTIONS MUST BE FOLLOWED EVERY TIME THE FILTER IS SERVICED, OTHERWISE THE FILTER MAY NOT SEAL, AND DAMAGE TO THE ENGINE COULD RESULT.

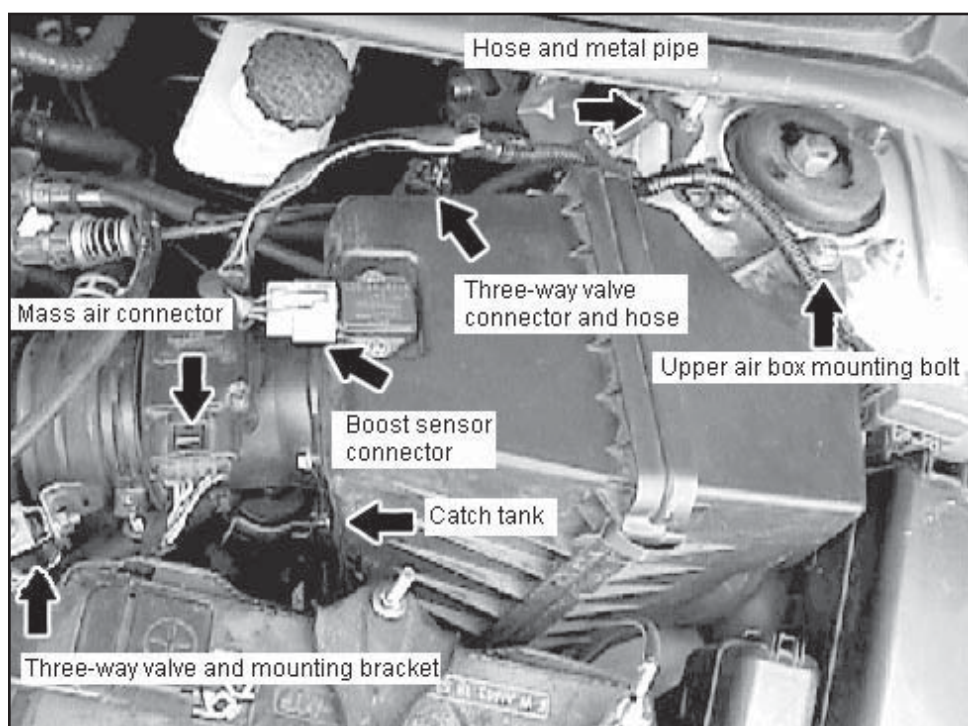


Fig. 1

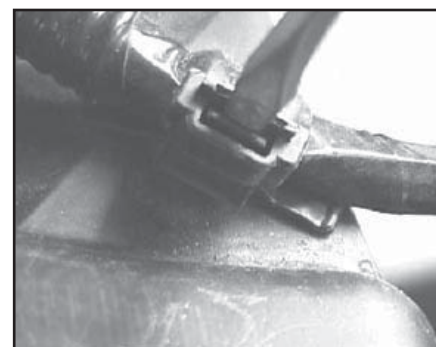


Fig. 2



Fig. 3