

NoBrand Performance Airbox

KOVE 800X Rally

Installation Instructions
Version 1.1



Installed NoBrand Performance Airbox - reference configuration

Application: KOVE 800X Rally

Scope: Removal of the OEM air-filter assembly and installation of the NoBrand Performance Airbox kit.

Reference: Original KOVE 800X Rally vehicle configuration, KOVE 800X Rally Instruction Manual and KOVE 800 parts documentation. Where KOVE does not publish a complete public airbox-removal sequence, the removal sequence below represents the NoBrand installation procedure developed from the original vehicle layout.

1. Safety and preparation

Read the complete procedure before beginning work. Installation should be carried out by a competent motorcycle technician familiar with fuel-injection systems and throttle-body assemblies.

- Park the motorcycle on a stable, level surface and switch the ignition OFF.
- Allow the engine and exhaust system to cool completely.
- Disconnect the battery negative (-) terminal before working around the throttle bodies and electrical components.
- Keep all intake openings protected from dirt, fasteners and other foreign material during the procedure.
- Retain the OEM airbox bolts, spacers and mounting hardware; these are reused with the NoBrand airbox.

WARNING

Foreign material entering the throttle bodies can cause serious engine damage. Cover both throttle-body openings immediately whenever the airbox is removed.

Recommended workshop items

- Standard hand tools for bodywork and fuel-tank removal.
- Suitable pliers/screwdriver for hose clips and intake clamps.
- Clean protective caps or lint-free covers for the throttle-body openings.
- Torque tools where specified by the applicable KOVE service data.

2. Removal of the OEM air-filter assembly

This section covers removal of the original airbox sufficiently to prepare the motorcycle for the NoBrand Performance Airbox installation.

2.1 Remove the seat

Remove the seat according to the KOVE procedure and place it where it cannot be damaged.

2.2 Isolate the electrical system

Disconnect the battery negative (-) terminal.

2.3 Remove the required bodywork and fuel tank

Remove the body panels and fuel tank required to obtain unobstructed access to the OEM air-filter assembly. Retain all fasteners and note the original routing of hoses and wiring.

2.4 Disconnect airbox hoses

Disconnect the drain and ventilation/air-system hoses attached to the OEM airbox. Mark their original routing if required.

2.5 Release the intake connections

Loosen the retaining clamps on the two OEM rubber intake boots and carefully disengage the airbox from the throttle-body inlets.

2.6 Remove the OEM airbox mounting hardware

Remove the OEM airbox mounting bolts and spacers. Keep these components; they will be reused for the NoBrand airbox.

2.7 Remove the OEM air-filter assembly

Carefully lift and withdraw the original airbox while checking that no hose, wiring harness, connector or fuel-system component remains attached or under tension.

2.8 Protect the throttle bodies

Immediately cover both throttle-body openings until the new airbox is ready to be installed.

Note: The photographs included in this manual show the NoBrand Performance Airbox installation only. They are intentionally not used as reference images for OEM airbox removal.

3. NoBrand Performance Airbox installation

Carry out the following steps after the original KOVE airbox has been completely removed.

3.1 Remove the left-side wiring-harness connector clip

Locate the connector-retaining clip on the left-hand side and release it from its original mounting position. Do not pull directly on the wires or electrical connectors.



Performance-airbox installation reference: left-side wiring and connector area after releasing the original retaining clip.

3.2 Transfer the OEM drain hose

Remove the drain hose from the standard KOVE airbox. Inspect it for damage or contamination and install the same hose onto the corresponding connection point of the NoBrand Performance Airbox. Ensure it is fully seated and not kinked.

3.3 Reconfigure the breather and PAIR hoses

Remove the crankcase-breather hose and the PAIR-system hose from their original airbox connections. Connect the hoses using the connector supplied with the NoBrand kit, following the arrangement shown in the installation photographs. Ensure both hoses are fully inserted, secure and routed without kinks.

3.4 Install the supplied PAIR valve cap

On the left-hand side, approximately at cylinder-head height, locate the PAIR valve connection. Fit the blanking cap supplied with the kit and verify that the connection is fully sealed.



Breather / PAIR hose arrangement using the supplied connector. Install the hoses in the same configuration.

3.5 Position the NoBrand airbox

Carefully position the NoBrand Performance Airbox between the frame rails. Align the two rubber intake ducts with the corresponding throttle-body inlets before tightening any mounting fasteners.

3.6 Connect and tighten the rubber intake ducts

Fully engage both rubber intake ducts on the throttle-body inlets. Confirm that each duct is seated around the full circumference, then tighten the intake clamps securely.

3.7 Secure the airbox to the frame

Reuse the original KOVE airbox mounting bolts and spacers. Align the new airbox with the original frame mounting points and install the OEM hardware without forcing the airbox into position.



NoBrand Performance Airbox positioned on the motorcycle. Reuse the OEM mounting bolts and spacers at the frame mounting points.



Performance-airbox installation reference: intake/throttle-body area after positioning the new airbox. Confirm correct seating and clearance.

3.8 Check throttle operation

Before reinstalling the fuel tank or surrounding bodywork, operate the throttle through its full range. Confirm completely free movement, no contact with the airbox, hoses or wiring, and normal return to the closed position.

3.9 Reposition the wiring harness

Route the wiring harness on the left-hand side, above the NoBrand airbox. Do not return it to its original position. Ensure the harness is not stretched, pinched or able to interfere with the throttle mechanism.



Performance-airbox installation reference: inspect the throttle-linkage/intake area and verify full, unobstructed throttle movement.



Installed filter element and final left-side routing. Keep wiring and hoses clear of the throttle mechanism and moving components.

3.10 Final inspection before reassembly

Verify the intake boots, clamps, airbox mounts, transferred drain hose, breather/PAIR hose arrangement, PAIR cap, wiring routing and throttle movement before refitting the fuel tank.

3.11 Reinstall the fuel tank and bodywork

Reinstall the fuel tank and all previously removed peripheral components using the reverse order of removal. During reassembly, make sure no hose or wiring is trapped or compressed.

4. Final safety checklist

- ☐ Both rubber intake ducts are fully seated on the throttle bodies and their clamps are secure.
- ☐ The airbox is securely mounted using the original KOVE bolts and spacers.
- ☐ The OEM drain hose has been transferred to the NoBrand airbox and is routed correctly.
- ☐ The breather and PAIR hoses are installed using the supplied connector in the specified arrangement.
- ☐ The supplied blanking cap is securely fitted to the PAIR valve connection on the left side.
- ☐ The wiring harness is routed above the airbox on the left side and is not returned to its original mounting position.
- ☐ No wiring, hose or connector is under tension, pinched or in contact with sharp, hot or moving parts.
- ☐ The throttle operates freely from fully closed to fully open and returns normally without interference.
- ☐ No tools, fasteners, cloths or foreign objects remain in the intake area.
- ☐ The fuel tank and all bodywork are correctly reinstalled and secured.

FINAL SAFETY CHECK

Before starting the engine, manually verify full and unrestricted throttle operation from fully closed to fully open and confirm normal return to the closed position. Recheck both throttle-body intake connections and all airbox hose connections.

NoBrand Performance Parts

Installation should be checked by a qualified technician before the motorcycle is returned to service.