

Removing/fitting the inlet and exhaust manifold

Preliminary operations

- Before removing the bolts and nuts from the manifold they must first be treated with a rust solvent.
- Remove the throttle valve housing together with the manifold section which is located over the valve cover . B18U: see Operation Removing/fitting the air inlet and SPI unit . and put it to one side.

- Remove the oxygen sensor.

Release the exhaust downpipe from the manifold

Remove the heat shield from the half-shaft.
Remove the nuts and release the exhaust from the manifold.

Remove the retaining bolt from the bracket.
Slacken the bolts of the manifold bracket a few turns on the cylinder block.

Remove the inlet and exhaust manifold

Pinch off the hoses with clamping tongs.

Remove the coolant hoses.

Remove the brake booster hose.

Remove the air pre-heating plate and hose.

Remove the heat shield on the inlet manifold.

Remove the nuts and take off the manifold.

Fit the inlet and exhaust manifold

Fitting is in reverse order to removal.

Always use new gaskets (steel side against the manifold).

When tightening the manifold nuts and the exhaust-to-manifold nuts, always start with the middle nuts.

Tightening torques: see the specifications.

