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Engine	
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Subject: Intake Manifold Fitting Replacement

Application: [redacted] [redacted] Turbo with Plastic Elbow Fitting

[redacted] plastic elbow fitting, P/N 75 23 020, on the intake manifold has been replaced by a brass fitting in the spare parts system. This elbow fitting connects the intake manifold and the [redacted] valve via a hose.

The brass elbow, P/N 75 18 350, must be glued directly into the manifold whereas the plastic fitting was seated with an o-ring and held in place with two locking tabs. To fit the brass elbow, see the installation procedure below.

Brass Elbow Installation Procedure

1. Remove the existing plastic fitting by separating the throttle valve housing from the intake manifold and gently squeezing the plastic locking tabs together.

2. Remove the o-ring from the plastic fitting and install on the brass fitting.

3. Ensure that there are no broken shards of plastic from the fitting in the intake manifold. Thoroughly clean the area where the brass elbow is to be installed.

4. Apply a 2-part epoxy adhesive to the brass elbow.

5. Fit the elbow to the manifold so that it points towards the idle control valve (Figure 1).

6. After the epoxy has set, connect the hoses to the fitting.

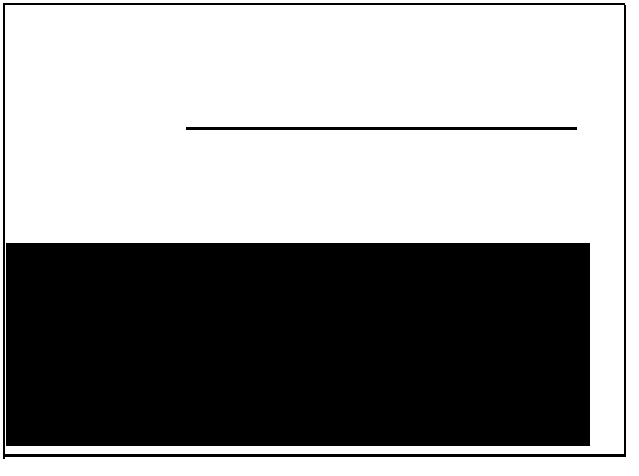

Figure 1. Apply adhesive to the brass fitting and install so that it [redacted] towards the [redacted] control valve.