



SERVICE BULLETIN

Date: 04.10.06

Model: Exige S

Number:
2006/26

CLASS 2

<i>Service Manager</i>	<i>Service Reception</i>	<i>Supervisor</i>	<i>Parts Manager</i>

TITLE: Reinforcement of chargecooler air ducts.

REASON: To improve security of connecting bellows.

ACTION: The air scoop on the roof of a supercharged Exige is connected to the engine mounted chargecooler radiator via a convoluted flexible 'bellows' secured by worm drive clips. On some vehicles, dependent on fettling condition, tolerance stack up and engine bay temperature, the plastic ducts to which the bellows attaches, can distort sufficiently to allow the bellows to slide off the duct flanges under the force of the clamps.

If any car is found to exhibit this condition, the following action should be taken to restore the integrity of the joint:

Parts Required	Part Number	Qty
Reinforcing Strip, chargecooler duct, 762mm	A128U0012K	1
Reinforcing Strip, roof duct, 748mm	A128U0013K	1
Pop Rivet, 3.2mm, csk	A111W6586F	4
# * Adhesive, Plexus MA300, 2 x 25ml	A117B0209V	1
* Applicator Gun, Plexus adhesive (if required)	T000T1490F	1
* Mixer Nozzle, Plexus adhesive (as required)	T000T1491F	A/R

Sufficient for 10 cars

* These items are available under part number but are regarded as workshop consumables and may not be claimed under warranty.

Procedure

1. Release the worm clips and remove the bellows.
2. Disconnect the chargecooler outlet hoses, unplug the pressure sensor, release the four rubber mountings and remove the chargecooler from the car.
3. Remove any protective film from the aluminium reinforcing strips and lightly abrade one side of each strip. Form the longer of the two reinforcing strips to fit inside the end of the chargecooler duct adaptor, positioning the ends centrally at either the top or bottom.
4. Ensuring the strip is aligned with the edge of the duct, drill a 3.3mm hole through the duct and each end of the strip for the securing pop rivet, but do not rivet at this stage.
5. Remove the strip and clean the bonding surfaces on strip and duct with Betaclean 3900 or similar. Using a dispensing gun, apply Plexus MA300 adhesive or equivalent to the duct flange, insert the strip, and secure with the two rivets. Ensure the edge of the strip is level with the edge of the duct.

Continued.....

6. Repeat the process for the roof duct, using the shorter reinforcing strip and releasing the gas strut(s) to allow the tailgate to be raised further, or use a right angle drill adaptor to allow fitment with the duct 'in situ'.
7. Refit the chargecooler and convoluted bellows. Ensure each end of the bellows is correctly located over the duct flange and carefully position the worm drive clip centrally over the flange.

CHARGES: Claims for 0.7 hr/car may be submitted for cars requiring modification, using Operation Code 46.10.04 - 07. 'A' code 50, 'B' code 40. Please quote bulletin number in the text remarks section.