



# SERVICE BULLETIN

Date: 16.09.04

Model: North American Elise

Number:  
2004/21

**CLASS 3**

Service Manager	Service Reception	Supervisor	Parts Manager

**TITLE:** Hose connection checks on North American Elise with front mounted oil coolers.

**REASON:** To check for settling-in of hose connections to oil cooler unions, and integrity of unions to oil cooler tanks.

**ACTION:** At both PDI and scheduled services, inspection of the cooling system for leaks is stipulated. At both the 'After Sales' and first scheduled service, this operation should include particular attention to the oil cooler hose connections to the two front mounted oil coolers.

The oil coolers are mounted in the front of each front wheelarch, with a feed/return connection to the rear face of the top tank, and a cooler to cooler connection from the front face of the bottom tank. Access to inspect the top rear connection is available after releasing the lowermost fixings of the wheelarch liner. Examine the joint carefully for signs of leakage with the engine running. If leakage between the hose union nut and oil cooler union is discernible, it is **essential that the oil cooler union is held** using a 15/16 in. open end spanner whilst torque checking the hose union nut to 40 Nm. Failing to heed this precaution may damage the oil cooler, necessitating its replacement. If leakage is found at the joint between the oil cooler union boss and the cooler tank itself, the oil cooler should be replaced.

Access to the front hose connection is available only after removing the front undertray. For inspection purposes, it is necessary only to check for evidence of oil on the bottom of the cooler. If any oil is found, remove the front undertray and check the connector integrity as detailed above.