



XJ range

DATE 02/04

XJ303-S717

SERVICE

TECHNICAL BULLETIN

Oil Cooler Pipe Interference With Cross Brace – Service Action S717

MODEL 2004 MY
XJ range

VIN G00442-G22995

Issue:

A concern has been identified with the oil cooler return pipe on 2004 XJR vehicles within the above VIN range. The original design of the oil cooler pipe does not give adequate clearance to the cross brace. This can allow the oil cooler return pipe to interfere with the cross brace and, in some cases, contact the front securing bolt of the air deflector. This can cause the oil cooler return pipe to leak, resulting in engine oil on the underside of the vehicle and possible damage to the engine.

Action:

At the next service opportunity, change the oil cooler return pipe and replace the air reflector front retaining bolts with revised shorter bolts.

WORKSHOP PROCEDURE

1. Open door and hood and install fender protection covers.
2. Open luggage compartment and install fender protection covers.
3. Disconnect the battery. See Workshop Procedure, JTIS CD ROM, section: 414-01, General Procedures.

Note: Ensure the radio security code is available before disconnecting the battery.

4. Remove the cooling fan motor and shroud. See Workshop Procedure, JTIS CD ROM, section: 303-03A, SRO 26.25.25.

NOTE: THE INFORMATION IN TECHNICAL BULLETINS IS INTENDED FOR USE BY TRAINED, PROFESSIONAL TECHNICIANS WITH THE KNOWLEDGE, TOOLS, AND EQUIPMENT TO DO THE JOB PROPERLY AND SAFELY. IT INFORMS THESE TECHNICIANS OF CONDITIONS THAT MAY OCCUR ON SOME VEHICLES, OR PROVIDES INFORMATION THAT COULD ASSIST IN PROPER VEHICLE SERVICE. THE PROCEDURES SHOULD NOT BE PERFORMED BY "DO-IT-YOURSELFERS." DO NOT ASSUME THAT A CONDITION DESCRIBED AFFECTS YOUR CAR. CONTACT A JAGUAR RETAILER TO DETERMINE WHETHER THE BULLETIN APPLIES TO YOUR VEHICLE.

OIL COOLER RETURN PIPE

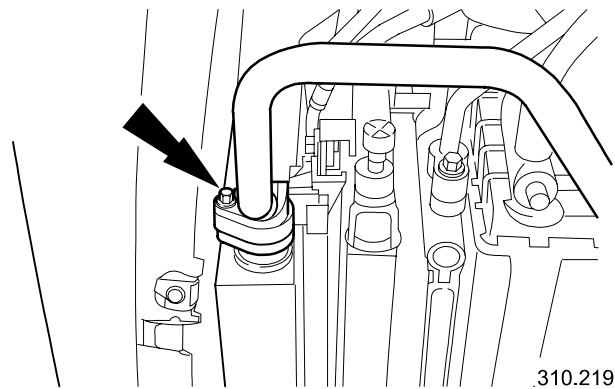


ILLUSTRATION 1

5. Remove the bolt securing the oil cooler return pipe to the cooler (Illustration 1).
6. Place a suitable oil drain tray under the vehicle.
7. Displace the oil cooler return pipe from the oil cooler.
8. Install suitable blanking plugs to the oil cooler and pipe.
9. Remove the bolt securing the oil cooler return pipe to the filter housing (Illustration 2).

OIL FILTER HOUSING

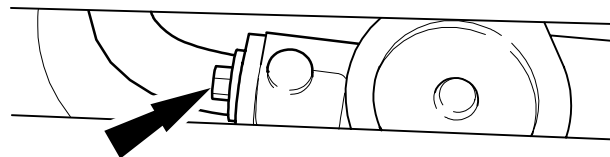


ILLUSTRATION 2

10. Disconnect the oil cooler return pipe from the filter housing.
11. Install suitable blanking plugs to the oil cooler pipe and filter housing.
12. Remove the oil cooler return pipe from the vehicle and discard.
13. Align the new oil cooler return pipe to vehicle.
14. Remove the blanking plugs from the oil cooler return pipe and filter housing.
15. Fully install oil cooler return pipe to filter housing.
16. Install and fully tighten the bolt securing the oil cooler return pipe to the filter housing. Tighten to 7.6 - 10.4 Nm.

17. Remove the blanking plugs from the oil cooler return pipe and oil cooler.
18. Connect the oil cooler return pipe to the oil cooler.
19. Tighten the bolt securing the oil cooler return pipe to the oil cooler. Tighten to 6.8 - 9.2 Nm.
20. Clean any residual oil from the filter housing oil cooler pipe and cooler.
21. Remove the oil drain tray from under the vehicle.
22. Install the cooling fan motor and shroud. See Workshop Procedure, JTIS CD ROM, section: 303-03A, SRO 26.25.25.

Note: When re-installing the undertray air deflector, the front three bolts must be replaced with the parts listed in the Parts Information section of this Service Action.

23. Check and top up engine oil, if necessary.
24. Reconnect the battery. See Workshop Procedure, JTIS CD ROM, section: 414-01, General Procedures.
25. Remove rear fender protection covers and close the luggage compartment.
26. Remove front fender protection covers and close the hood and door.

Parts Information:

<u>DESCRIPTION</u>	<u>PART NUMBER</u>	<u>QTY</u>
Oil cooler return pipe	C2C 16222	1
Retaining bolt and washer	JZH 100040	3

Warranty Information:

Warranty claims should be submitted quoting program code S717 together with the applicable option code from the table below. This will result in payment of the stated time and, where applicable, parts/miscellaneous expense codes.

The option that allows for drive in/drive out may only be claimed when the vehicle has been brought in to perform this action alone.

Service Action S717

Year Model VIN
 2004 XJR 4TG00442 - 4TG22995

Program Code	Option	Description	SRO	Time	Part Number	Part Description	Qty
S717	B	Replace the oil cooler return pipe and install shorter bolts	12.92.12	2.5	C2C 16222 JZH 100040 other	Return pipe Bolt w/washer oil/coolant	1 3 \$9.00
S717	C	Replace the oil cooler return pipe and install shorter bolts	12.92.12	2.5	C2C 16222 JZH 100040 other	Return pipe Bolt w/washer oil/coolant	1 3 \$9.00
		Drive in/drive out	10.10.10	0.1 hrs.			

NOTE: Always perform a DDW claim search first to determine whether this service action has been performed on this vehicle. The "Review Claim History" function will provide a listing of all claims against the vehicle. If this service action number appears in the program code field, do not perform this service action.

