



SERVICE

XK

DATE 02/02

303-50

TECHNICAL BULLETIN

Engine Oil Leakage –
Loose Oil Cooler Lines –
Install Modified Cooler Pipes

MODEL 2000 MY
XKR
VIN A00876-A11051

Issue:

Some 2000 MY XKR vehicles, within the above VIN range, may experience a customer complaint of oil leakage caused by the oil cooler pipes.

Action:

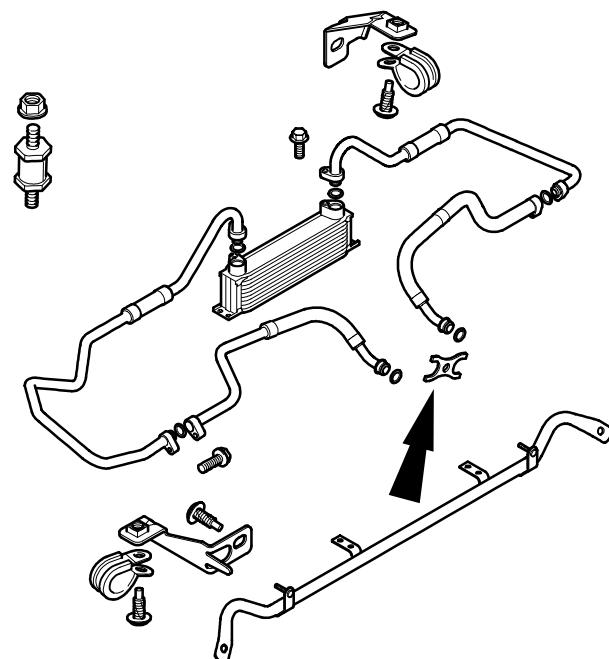
In case of a customer complaint of the above condition on a 2000 MY XKR vehicle, within the above VIN range, install modified oil cooler feed and return pipes as described below.

WORKSHOP PROCEDURE

1. Open hood and fit fender protector covers.
2. Raise vehicle on ramp.
3. Remove front under tray (see Workshop Manual, JTIS CD ROM section: 501-02, SRO 76.22.90).
4. Place a suitable drain tray under the vehicle.
5. Remove the bolt securing the hose retainer on the front of the engine.

A **Warning:** Use care! Engine oil may be hot!

ENGINE OIL COOLER HOSE RETAINER

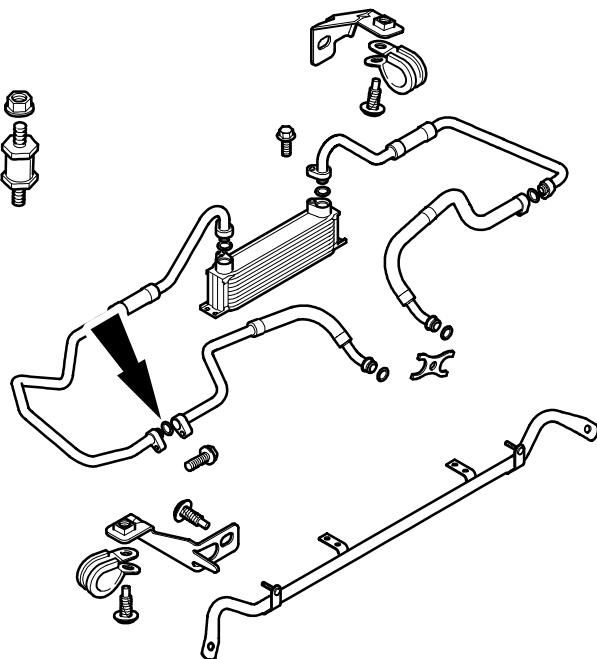


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ILLUSTRATION 1

6. Remove the hose retainer (arrow, Illustration 1) .
7. Disconnect oil cooler supply hose from the front of the engine.
8. Insert a suitable blanking plug into the port.
9. Remove the bolt securing the supply hose retaining bracket.
10. Remove the retaining bracket.
11. Remove the bolt securing the oil cooler supply hose to the joint of the oil cooler supply pipe.

ENGINE OIL COOLER PIPES



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ILLUSTRATION 2

12. Disconnect the oil cooler supply hose from the oil cooler supply pipe, and remove the hose from the vehicle (Illustration 2).
13. Remove the bolts securing the supply hose to the oil cooler.
14. Disconnect the supply hose from the oil cooler.
15. Remove the hose from the vehicle.
16. Remove O-ring seal from the supply side of the oil cooler.
17. Insert a suitable blanking plug into the oil cooler.

Note: The return hose is removed in one piece.

18. Disconnect the oil cooler return hose from the front of the engine.
19. Install a suitable blanking plug into the port.
20. Remove the bolt securing the return hose retaining bracket.
21. Remove the retaining bracket.
22. Remove the bolt that secures the return hose to the oil cooler.
23. Disconnect the return hose from the oil cooler.
24. Remove oil cooler return hose.

Note: Remove the fixing bolt from return hose intermediate joint.

Note: Clean oil residue from engine and surrounding area.

25. Remove the O-ring seal from the oil cooler.
26. Check for the presence of a new O-ring in the new return hose (from oil cooler).
27. Connect and fully seat the return hose into the oil cooler.
28. Install and tighten the bolt securing the return hose to the oil cooler.
29. Align the return hose retaining bracket.
30. Install the retaining bracket securing bolt.
31. Remove the blanking plugs from the engine.
32. Connect and fully the seat return hose on the engine.
33. Check for the presence of a new O-ring and connect the return hoses at the intermediate joint.
34. Install and tighten the fixing bolt at the intermediate joint.
35. Check for the presence of a new O-ring and install and fully the seat oil cooler supply hose on the front of the engine.
36. Align the cooler hose retainer on the engine.
37. Install and tighten the bolt that secures the cooler hose retainer.
38. Check for the presence of a new O-ring and connect and fully the seat oil cooler supply hose to the oil cooler.
39. Install the bolt that secures the supply hose to the cooler.
40. Check for the presence of a new O-ring and connect oil cooler supply hoses at the intermediate joint.
41. Install and tighten the fixing bolt at the intermediate joint.
42. Align supply hose retaining bracket.
43. Install and tighten the retaining bracket securing bolt.
44. Remove the drain tray from under the vehicle.
45. Install the front under tray (see Workshop Manual, JTIS CD ROM section: 501-02, SRO 76.22.90).
46. Lower the vehicle.
47. Start and run the engine until the oil pressure rises.
48. Turn off the engine.
49. Check and top-up the engine oil.
50. Remove the fender protection covers and close the hood.

Note: All displaced oils and fluids must be disposed of locally, ensuring compliance with Local Authority legislation and Health and Safety guidelines.

Parts Information:

<u>DESCRIPTION</u>	<u>PART NUMBER</u>	<u>QTY.</u>
Engine oil cooler feed hose (from engine)	MJA 7460AC	1
Engine oil cooler feed hose (to cooler)	MJB 7470BB	1
Engine oil cooler return hose (from cooler)	MJB 7471BB	1
Engine oil cooler return hose (to engine)	MJB 7461BC	1
O-rings	KSR 609001	2

Warranty Information:

<u>FAULT</u>	<u>R.O.</u>	<u>DESCRIPTION</u>	<u>TIME</u>
<u>CODE</u>	<u>NUMBER</u>		<u>ALLOWANCE</u>
AQ QC D4	12.60.73	Engine oil cooler hose - vehicle set replace	0.80 hrs.