



XK8

DATE 2/98

205-05

SERVICE

TECHNICAL BULLETIN

Driveshaft Universal Joint Bolts –
Revised Torque Specification –
Service Action S822

MODEL 1997-98 MY
XK8 Range

VIN 001001-022125

Issue:

A revised torque specification for the nuts and bolts that secure the **rear** universal joint flange of the drive shaft to the differential pinion flange has been introduced in production from VIN 022126. In addition 'Loctite' thread-locking compound is applied to the bolt threads during vehicle assembly.

Action:

Apply 'Loctite' to the bolt threads on all XK8 vehicles, within the above VIN Range, that are not marked with green paint, and retighten the nuts to the revised torque setting.

Perform this action at the next routine service visit, or sooner in case of a customer complaint of a 'click' or 'clunk' noise, particularly when changing from Drive to Reverse or from Reverse to Drive.

PROCEDURE

1. Raise the vehicle on a hoist, leaving the vehicle with the handbrake off and the selector lever in N.
2. Mark the universal joint flange and the differential coupling flange so that the two components can be realigned during reassembly.
3. Remove the nuts at the drive shaft to differential pinion flange coupling.
4. Separate the joint flanges and remove the four bolts. Rest the shaft on the handbrake relay lever support bracket.
5. Wipe the bolt threads with a clean lint-free cloth. Also wipe clean the mating faces of the coupling flanges.
6. Reassemble the coupling flanges to their original position, as marked in step 2 above, by inserting the bolts in their locations.
7. Apply Loctite Grade 270 generously to the threads of each bolt.
8. Reinstall the existing nuts and fully tighten them, using a 'Snap-on' ® drive adaptor FRDHM 13 or equivalent (sourced locally), modified as fully detailed in JTIS Section 205-01, SRO 47.15.01, together with a suitable torque wrench.

Torque Setting for bolts: 67 Nm (50 lb ft)

Ensure that the torque wrench setting required to achieve this torque at the nuts is calculated for the individual torque wrench in use. Information is detailed in JTIS Section 205-01, SRO 47.15.01, and also in Technical Bulletin 100-03.

9. Apply a stripe of green paint across each nut and the threads of the bolt. This will indicate that the bolts have be retorqued to the new specification. Any future breakage of the paint film will indicate move of the nuts on the threads.
10. Lower the hoist.

Parts Information:

<u>DESCRIPTION</u> Loctite 270	<u>PART NUMBER</u> JLM 1748
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NOTE: For this service action, the Loctite is prorated at 10% with a handling credit of 40%.

Warranty Information:

Service Action S822

<u>VEHICLE</u>	<u>SUMMARY CODE</u>	<u>DESCRIPTION</u>	<u>TIME ALLOWANCE</u>
USA Dealerships			
XK8 1997 MY VIN 001036-018107 Model code 2830 and 2840	YM	Remove rear drive shaft bolts, clean, apply Loctite reinstall and retorque -without drive-in/out time (work performed in conjunction with another repair or at PDI)	0.50 hrs.
XK8 1997 MY VIN 001036-018107 Model code 2830 and 2840	YN	Remove rear drive shaft bolts, clean, apply Loctite reinstall and retorque -with drive-in/out time	0.65 hrs.
XK8 1998 MY VIN 018108-022125 Model code 2830 and 2840	YP	Remove rear drive shaft bolts, clean, apply Loctite reinstall and retorque -without drive-in/out time (work performed in conjunction with another repair or at PDI)	0.50 hrs.
XK8 1998 MY VIN 018108-022125 Model code 2830 and 2840	YR	Remove rear drive shaft bolts, clean, apply Loctite reinstall and retorque -with drive-in/out time	0.65 hrs.

Canadian Dealerships

XK8 1997 MY VIN 001036-018107 Model code 2830 and 2840	YS	Remove rear drive shaft bolts, clean, apply Loctite 0.50 hrs. reinstall and retorque -without drive-in/out time (work performed in conjunction with another repair or at PDI)
XK8 1997 MY VIN 001036-018107 Model code 2830 and 2840	YT	Remove rear drive shaft bolts, clean, apply Loctite 0.65 hrs. reinstall and retorque -with drive-in/out time
XK8 1998 MY VIN 018108-022125 Model code 2830 and 2840	YW	Remove rear drive shaft bolts, clean, apply Loctite 0.50 hrs. reinstall and retorque -without drive-in/out time (work performed in conjunction with another repair or at PDI)
XK8 1998 MY VIN 018108-022125 Model code 2830 and 2840	YX	Remove rear drive shaft bolts, clean, apply Loctite 0.65 hrs. reinstall and retorque -with drive-in/out time

Mexican Dealerships

XK8 1998 MY VIN 018108-022125 Model code 2830 and 2840	YY	Remove rear drive shaft bolts, clean, apply Loctite 0.50 hrs. reinstall and retorque -without drive-in/out time (work performed in conjunction with another repair or at PDI)
XK8 1998 MY VIN 018108-022125 Model code 2830 and 2840	YZ	Remove rear drive shaft bolts, clean, apply Loctite 0.65 hrs. reinstall and retorque -with drive-in/out time