

TECHNICAL BULLETIN

	<h2 style="margin: 0;">R-134a Retrofits Kits</h2>	<h2 style="margin: 0;">82-39</h2>
	<p>MODEL V12 w/ Harrison</p>	<p>DATE 6/94</p>
	<p>All w/ Sanden Compressors</p>	<h2 style="margin: 0;">Amended</h2> <h2 style="margin: 0;">9/97</h2>

Remove and destroy Bulletin 82-39, Amended 1/96
 Replace with this Bulletin.
 Revisions are marked with a bar.

ISSUE:

Jaguar engineered kits are available which convert R-12 charged air conditioning refrigerant systems to HFC R-134a systems.

Should Jaguar owners wish to convert their R-12 systems at their own expense, retrofit kits are available as shown below. Retrofitting procedures are shown in the Technical Guide - Air Conditioning System - HFC Refrigerant Retrofit - part Number JTP 425 (supplied to dealers 6/94).

NOTE: The primary changes involve the replacement of the existing compressor lubricating oil with an oil compatible with both HFC R-134a refrigerant and with the residual R-12 lubricating oil. It is not possible to completely flush R-12 type lubricating oil from the refrigerant system prior to changing to Ester oil and R-134a. Additionally, it is necessary to replace the input shaft seal of the Sanden compressor with a seal compatible with the R-134a refrigerant and oil as described in the Technical Guide. Harrison compressors do not require replacement of the shaft seal.

PARTS NUMBERS, APPLICATIONS, REPAIR TIMES

<u>PART NUMBER</u>	<u>COMPRESSOR TYPE</u>	<u>FITS</u>	<u>VIN RANGE</u>	<u>REPAIR TIME</u>
JLM 11610	Sanden 510/709	XJ40 - 3.6/4.0 1988-93	507471 - 667587	3.10 hrs.
	Sanden 709	XJS 4.0 1993-94	179740 - 190527	3.35 hrs.
	Sanden 709	XJS 6.0 1994	188105 - 190527	3.45 hrs.
JLM 11611	Harrison	Ser. III XJ12 5.3 1979	300001 - on	3.10 hrs.
		XJS V12 1979-93	100001 - 188104	3.10 hrs.