



MAHLE Clevite Inc., RTI Division
 10 Innovation Drive
 York, PA 17402 USA
 Phone: 717-840-0678
 Web-site: www.rtitech.com

Bulletin No: 562-80012-00

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Subject:	Oil charging on high side with onboard oil injection enabled
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Model Numbers Affected:	All RHS980 units with onboard oil injection
Manufacture Dates:	All
Serial Numbers Affected:	All
Tools Required:	None
Parts Required:	None
Supplemental Document:	None
Action Required:	Ensure unit is configured to charge refrigerant on the high side if using the onboard oil injection system.

Oil Charging on High side of RHS980 with onboard oil injection

When charging oil to the vehicle's A/C system with the onboard oil injection system of the RHS980, the oil will be charged out the HIGH side port of the RHS980.

The oil is pulled through the internal passages of the RHS980 and into the vehicle's A/C system under vacuum. The liquid refrigerant is then charged to the vehicle's A/C system, the liquid refrigerant is used to flush the internal passages of the RHS980 of any remaining oil and carry it to the vehicle's A/C system.

If the RHS980 is configured to charge refrigerant on the LOW side of the RHS980, a good portion of oil will remain in the HIGH side hose and internal passages of the RHS980.

The result will be:

The vehicle's A/C system will not receive the amount of oil that the technician thinks he is injecting into the system. Depending which process is performed next, the oil remaining in the HIGH side hose and internal passages will then be recovered back into the RHS980's accumulator, or possibly pulled into the onboard vacuum pump sump.

Action to be taken:

- 1) When using the onboard oil injection feature, select HIGH side charging when prompted by the RHS980.
- 2) If you must charge the vehicle through the LOW side, do not use the RHS980's onboard injection system to inject oil or dye. We recommend using RTI's manual Oil Injection system. P/N 360-82641-00.