



S-TYPE

DATE 08/03

S303-S157

SERVICE

TECHNICAL BULLETIN

Vehicles With 3.0L V6 Exchange Engines –
Potential Thrust Bearing Failure –
Service Action S157

MODEL 2000-03 MY
3.0L S-TYPE
VIN L00001-M50849

Issue:

A small number of V6 remanufactured engines have been subjected to an out-of-balance condition during the hot test procedure in the remanufacturing process and as a result may exhibit crankshaft thrust bearing failure that could lead to subsequent engine failure.

Action:

Contact the current user of the affected vehicles and request that the vehicle be made available, at the current users' earliest convenience, for the engine to be replaced. A list of vehicles fitted with the exchange engines is included in this bulletin.

For the removal and partial disassembly procedure, see Workshop Manual, JTIS CD ROM, section: 303-01A SRO 12.41.01 and 12.41.02.

As this repair is going to take some time to complete you will need to consider the level of courtesy service that should be provided to customers when performing this Service Action.

Parts Information:

<u>DESCRIPTION</u>	<u>PART NUMBER</u>	<u>QTY</u>
Engine	XR8 30493 EK	1
Oil Filter O-ring	XR8 16242	1
Oil Filter	XR8 23395	1
Coolant intake pipe O-ring	XR8 5431	1
Oil Separator Seal	XR8 5235	1
Coolant cross over pipe O-ring	XR8 5353	1
Coolant cross over pipe O-ring	XR8 5356	1
Lower intake Manifold Gasket Up to VIN L86901	XR8 5398	2
Lower Intake Manifold Gasket From VIN L86902	C2S 8098	6
Exhaust Manifold Gasket	XR8 13137	2
Intake Manifold Gasket Up to VIN L86901	XR8 5294	2
Intake Manifold Gasket From VIN L86902	C2S 14519	6
Throttle Body Gasket	AJ8 1261	1
EGR Valve Gasket	NCE 4774AA	1
Air Conditioning Pipe O-ring	XR8 3790	2
Air Conditioning Pipe O-ring	XR8 10305	2
1 Liter PAS Fluid Up to VIN L86901	XR8 29190	1
500ml PAS Fluid From VIN L86902	JLM 21703	3
Transmission Fluid	JLM 21044	2
Engine Oil 5W/30	-	6.5 Liters
Coolant	-	5.2 Liters



Warranty Information

Labor Times

Description	Vehicle	SRO	Time (Hours)
Engine Assembly - Change Ancillary Equipment And Replace	Automatic Transmission up to VIN: M44997	12.41.02	14.3
	Automatic Transmission from VIN: M44998		16.6
	Manual Transmission from VIN: M44998		14.7
Drive in/drive out	All	10.10.10	0.1

Warranty claims should be submitted quoting program code S157 together with the relevant option code found in the table below. This will result in payment of the stated time and, where applicable, parts/miscellaneous expense codes.

The options that allow for drive in/drive out can only be claimed when the vehicle has been brought in for this action alone to be undertaken.

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Program Code	Option	Job Description	SRO	Time (Hours)	Part Number	Part Description	QTY
Vehicles Up to VIN L86901							
S157	B	Engine Assembly - Change Ancillary Equipment And Replace	12.41.02	See Labor Time Table	XR8 30493 EK	Engine	1
					XR8 16242	Oil filter O-ring	1
					XR8 23395	Oil filter	1
					XR8 5431	Coolant intake pipe O-ring	1
					XR8 5235	Oil separator seal	1
					XR8 5353	Coolant cross over pipe O-ring	1
					XR8 5356	Coolant cross over pipe O-ring	1
					XR8 5398	Lower intake manifold gasket	2
					XR8 13137	Exhaust manifold gasket	2
					XR8 5294	Intake manifold gasket	2
					AJ8 1261	Throttle body gasket	1
					NCE 4774AA	EGR valve gasket	1
					XR8 3790	Air Conditioning pipe O-ring	2
					XR8 10305	Air Conditioning pipe O-ring	2
					XR8 29190	1 liter PAS fluid	1
					JLM 21044	Transmission fluid	2
					Other	Engine oil & coolant	\$33
Vehicles Up to VIN L86901							
S157	C	Engine Assembly - Change Ancillary Equipment And Replace Drive in/drive out	12.41.02	See Labor Time Table	XR8 30493 EK	Engine	1
			10.10.10		XR8 16242	Oil filter O-ring	1
					XR8 23395	Oil filter	1
					XR8 5431	Coolant intake pipe O-ring	1
					XR8 5235	Oil separator seal	1
					XR8 5353	Coolant cross over pipe O-ring	1
					XR8 5356	Coolant cross over pipe O-ring	1
					XR8 5398	Lower intake manifold gasket	2
					XR8 13137	Exhaust manifold gasket	2
					XR8 5294	Intake manifold gasket	2
					AJ8 1261	Throttle body gasket	1
					NCE 4774AA	EGR valve gasket	1
					XR8 3790	Air Conditioning pipe O-ring	2
					XR8 10305	Air Conditioning pipe O-ring	2
					XR8 29190	1 liter PAS fluid	1
					JLM 21044	Transmission fluid	2
					Other	Engine oil & coolant	\$33

Vehicles From VIN L86902							
S157	D	Engine Assembly - Change Ancillary Equipment And Replace	12.41.02	See Labor Time Table	XR8 30493 EK	Engine	1
					XR8 16242	Oil filter O-ring	1
					XR8 23395	Oil filter	1
					XR8 5431	Coolant intake pipe O-ring	1
					XR8 5235	Oil separator seal	1
					XR8 5353	Coolant cross over pipe O-ring	1
					XR8 5356	Coolant cross over pipe O-ring	1
					C2S 8098	Lower intake manifold gasket	6
					XR8 13137	Exhaust manifold gasket	2
					C2S 14519	Intake manifold gasket	6
					AJ8 1261	Throttle body gasket	1
					NCE 4774AA	EGR valve gasket	1
					XR8 3790	Air Conditioning pipe O-ring	2
					XR8 10305	Air Conditioning pipe O-ring	2
					JLM 21703	500ml PAS fluid	3
					JLM 21044	Transmission fluid	2
Other					Engine oil & coolant	\$33	
Vehicles From VIN L86902							
S157	E	Engine Assembly - Change Ancillary Equipment And Replace Drive in/drive out	12.41.02	See Labor Time Table	XR8 30493 EK	Engine	1
					XR8 16242	Oil filter O-ring	1
					XR8 23395	Oil filter	1
					XR8 5431	Coolant intake pipe O-ring	1
					XR8 5235	Oil separator seal	1
					XR8 5353	Coolant cross over pipe O-ring	1
					XR8 5356	Coolant cross over pipe O-ring	1
					C2S 8098	Lower intake manifold gasket	6
			10.10.10	XR8 13137	Exhaust manifold gasket	2	
				C2S 14519	Intake manifold gasket	6	
				AJ8 1261	Throttle body gasket	1	
				NCE 4774AA	EGR valve gasket	1	
				XR8 3790	Air Conditioning pipe O-ring	2	
				XR8 10305	Air Conditioning pipe O-ring	2	
				JLM 21703	500ml PAS fluid	3	
				JLM 21044	Transmission fluid	2	
Other					Engine oil & coolant	\$33	

