



X-TYPE

DATE 05/03

XT303-S939

SERVICE

TECHNICAL BULLETIN

Thermostat Housing Hose –  
Install Additional Hose Clamp –  
Service Action S939

MODEL 2002-03 MY  
X-TYPE

VIN C00294-D28259  
D29261-D32144

**Issue:**

On a number of X-TYPE vehicles within the above VIN range, the spring band clamp used on the hose joint between the engine oil cooler outlet hose and the thermostat housing inlet spigot is susceptible to ‘walking’. In extreme cases this can lead to the failure of the joint causing loss of engine coolant.

**Action:**

Reposition the existing hose clamp and install an additional worm drive clamp to prevent the hose from moving.

Perform this service action at the next available opportunity or, if possible, at the same time as Recall Action R935 – Technical Bulletin XT413-R935 “Turn Signal Indicator – Replace GECM”.

INSTALLING HOSE CLAMP

**⚠ Warning:** Relieve the cooling system pressure by unscrewing the coolant pressure cap.

**⚠ Warning:** Never remove the coolant pressure cap under any circumstances while the engine is operating. Failure to follow this instruction may result in personal injury. To avoid having scalding hot coolant or steam blow out of the cooling system, use extreme care when removing the coolant pressure cap from a hot cooling system. Wait until the engine has cooled, then wrap a thick cloth around the coolant pressure cap and turn it slowly until the pressure begins to release. Step back while the pressure is released from the system. When certain all the pressure has been released (still with a cloth) turn and remove the coolant pressure cap from the coolant expansion tank. Failure to follow these instructions may result in personal injury.

**⚠ Warning:** To avoid the possibility of personal injury, do not operate the engine with the hood open until the fan blades have been examined for cracks and separation. Failure to follow this instruction may result in personal injury.

1. Raise the vehicle.
2. Expand the spring band clamp, securing the engine oil cooler outlet hose to the thermostat housing.

## REPOSITIONING SPRING BAND CLAMP

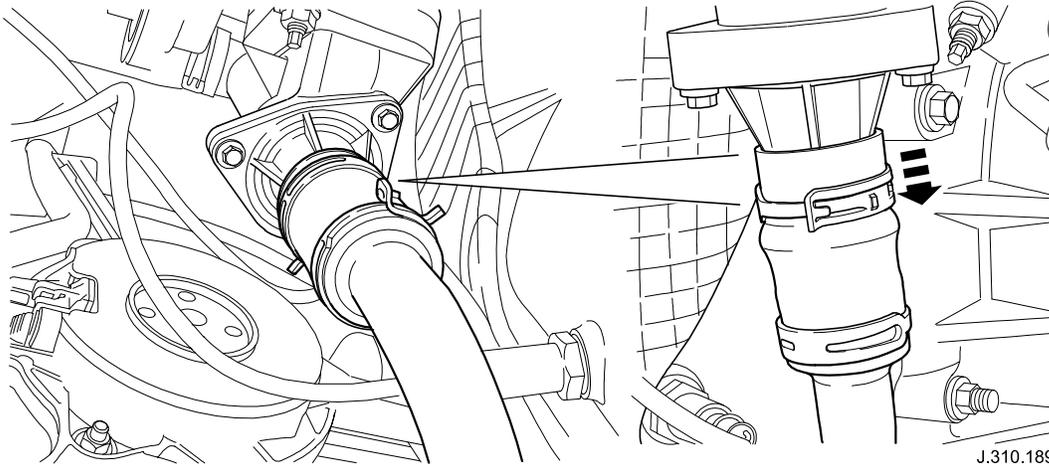


ILLUSTRATION 1

3. Reposition the hose fully upwards to abut the thermostat housing webs.
4. Reposition the spring band clamp close to the bulge in the hose formed by the bead of the thermostat spigot. Illustration 1.

**Note:** Spring band clamp to be close to, but not on the hose bulge.

## POSITIONING OF WORM DRIVE CLAMP

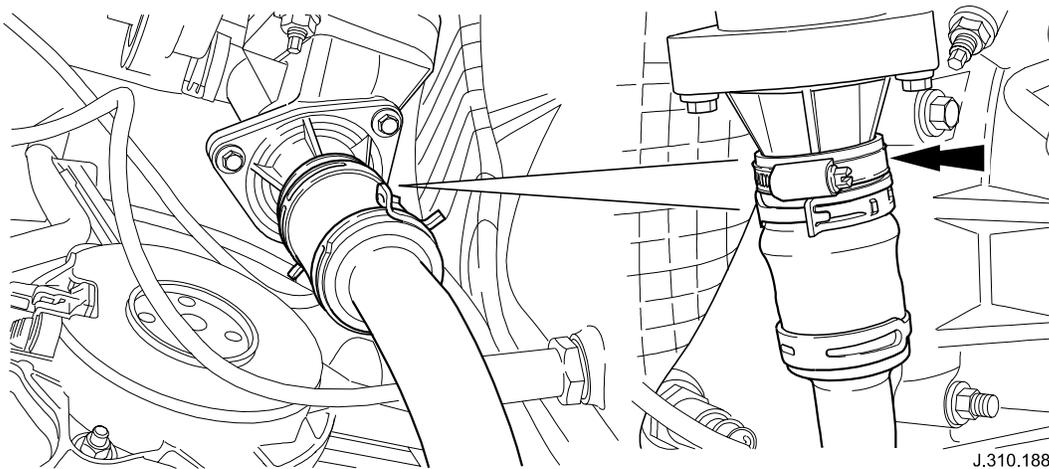


ILLUSTRATION 2

5. Fit an extra 9 mm wide, 32-50 mm Norma worm drive clamp above the existing spring band clamp and tighten to 4.1 Nm +/- 0.7 Nm tolerance. See Illustration 2.

**Note:** Fit worm drive clamp against the spring band clamp so that the hose protrudes above the worm drive clamp.

6. Lower the vehicle.

## Parts Information:

<u>DESCRIPTION</u>	<u>PART NUMBER</u>	<u>QTY</u>
Worm drive clamp	C2S 26989	1

## Warranty Information:

Warranty Claims should be submitted quoting program code S939 together with the relevant option code from 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 into the workshop for this action alone to be undertaken.

The SROs and parts listed above have been included for information only, there will be no requirement to enter the parts or SROs onto the claim.

## Service Action S939

2002 MY	2.5L VIN Range	<b>2XC00294 - 2XC86114</b>
2002 MY	3.0L VIN Range	<b>2WC00294 - 2WC86114</b>
2003 MY	2.5L VIN Range	<b>3XC86115 - 3XD27259</b> <b>3XD29261 - 3XD32144</b>
2003 MY	3.0L VIN Range	<b>3WC86115 - 3WD27259</b> <b>3WD29261 - 3WD32144</b>

Program Code	Option	Description	SRO	Time	Part Number	Part Description	Qty
S939	B	Reposition hose & fit clamp	12.92.11	0.2	C2S 26989	Worm drive clip	1
S939	C	Reposition hose & fit clamp	12.92.11	0.2	C2S 26989	Worm drive clip	1
		Drive in/drive out	10.10.10	0.1			

**Note:** Always review a Vehicle's Claim History within DDW first to determine whether this recall has been previously performed on a specific vehicle. The "Review Claim History" function will display a list of claims against the vehicle. If this recall appears in the program code field, do not perform this recall.