



Service Information (US only)

24/04/12

OH

11 04 12 (RR04)

Version 1

Page 1 of 5

Title: Recall Campaign 12V-166: Replace the Auxiliary Coolant Pump for Turbocharger (KIT- 05)

Perform the procedure outlined in this Service Information on all affected vehicles BEFORE CUSTOMER DELIVERY OR the next time they are in the workshop for maintenance or repairs.

Rolls-Royce dealers must ensure recalls are completed after having been notified by Rolls-Royce Motor Cars Limited (RRMC) that a safety-related defect or noncompliance exists in any motor vehicle or item of replacement equipment in the dealer's possession at the time of notification. This notification would typically be made by the issuance of a recall notification in the form of a Service Information Bulletin (SIB) or transmission of a Dealer Communication System (DCS) recall message.

Under the National Traffic and Motor Vehicle Safety Act of 1966, if a recall campaign is announced by RRMC, dealers must ensure that all recalls on new vehicles and new items of replacement equipment are completed **BEFORE** delivery to the consumer. This means that dealers may not legally deliver new motor vehicles or new items of replacement equipment to consumers with an open recall.

The Safety Act also prohibits dealers from selling or leasing the motor vehicle or item of replacement equipment, unless and until the open recall has been completed **BEFORE** delivery. This also pertains to vehicles in the Certified Pre-Owned program, and to items of replacement equipment.

Finally, Rolls-Royce dealers should not sell or use parts that have been recalled by RRMC. Please follow the specific instructions provided by RRMC on the return or disposition of the parts.

Rolls-Royce Motor Cars

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Registered in England, No. 3522604. Registered Office: Ellesfield Avenue, Bracknell, Berkshire, RG12 8TA. A BMW Group Company.



Group: 11

Affected cars: Rolls-Royce Ghost models produced between 07/04/2011 and 02/06/2011
According to VIN selection based on engine numbers.

Situation: In some circumstances, a crack may develop in the plastic housing of the additional coolant pump. A crack in the plastic housing leads to moisture entering the electronics of the additional coolant pump. Moisture can penetrate the cracks and enter the electronics. A short-circuit to earth then leads to melting of the plug connections and the housing. Further heat development may then lead to scorch damage. In exceptional cases, a vehicle fire (starting in the engine compartment) cannot be ruled out.

Procedure: Use the KIT search function or ISPA to verify if this Service Action is outstanding on any vehicle booked into your workshops. Customers will be informed to bring their vehicles in, by letter, for rectification.

Please follow the work flow in the order shown below which can be found in ISTA for removal and installation of the following items;

Document Number	Document title	Comments
51 76 ...	Removing and installing/replacing front cover for engine compartment	No comments
51 11 ...	Removing and installing/replacing upper radiator grille cover	No comments
51 11 ...	Removing and installing/replacing side left or right radiator grille frame	No comments
51 13 145	Removing and installing/replacing retraction mechanism of Spirit of Ecstasy	No comments
51 13 000	Removing and installing/replacing the centre radiator grille	Note: Do not remove front bumper trim (51 11 156 Removing and installing front bumper trim)
51 64 026	Removing and installing/replacing upper front connection (cross member)	Note: Disconnect bonnet catch/ lock bridge Bowden cable as shown in Figure 1 below

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51 47 490	Removing and installing/replacing front underbody protection	No comments
51 75 051	Removing and installing/replacing distribution channel	No comments
17 11 035	Removing and installing/renewing fan cowl with electric fan (N74R)	No comments
11 53 000	Removing and installing/replacing auxiliary water pump for exhaust turbocharger (N74R)	Note: Do not remove charge air cooler expansion tank (17 13 020 Removing and installing/replacing charge air cooler expansion tank) Note: To gain access to the auxiliary water pump bracket fixings, the lower coolant hose needs to be removed as shown in Figure 2 and 3 below Note: Location of the auxiliary water pump on photo R11 5157 is incorrect. See correct location for N74R in Figure 4 below.

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Figure 1

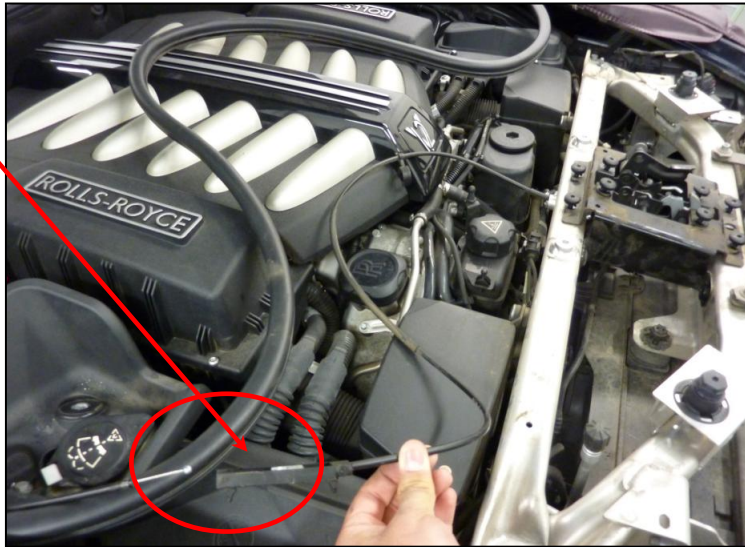


Figure 1, circled above, shows bonnet catch/ lock bridge Bowden cable disconnected

Figure 2



Figure 3

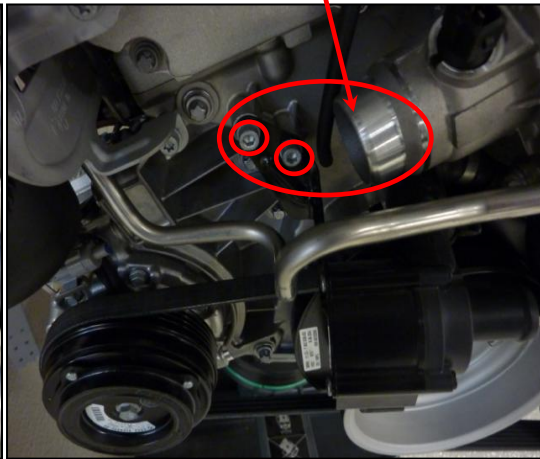


Figure 2, above left, shows the lower coolant hose fitted.

Figure 3, above right, shows the lower coolant hose removed and auxiliary water pump bracket fixings.

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Figure 4



Figure 4, circled above, shows the location of the auxiliary water pump, fitted to the front of the N74R engine.

Parts Information

Replacement kit water pump	11 51 2 296 763
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Warranty Information

Defect Code	00 11 94 02 00		
Labour Code	00 60 061*	21 FRU	
	00 60 683*	19 FRU	Associated repair
Coolant Pt No	0752 0396 415		Max 4 litres (40 CL)

* 2 Labour Codes have been generated to assist the Warranty Administrator when submitting for this repair; only one labour code must be claimed.

PLEASE ENSURE REPLACED PARTS ARE LABELLED AND STORED AS OUTLINED IN THE ROLLS-ROYCE POLICIES AND PROCEDURES.

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