

**CAUTION:** All involved customers must be notified, all involved units must be corrected as per instructions herein.

#### Campaign no.: 2011–0002

January 18, 2011 Subject: Inverted Coolant Hose on 800R Engine No.

2011-2

YEAR	MODEL	MODEL NUMBER	SERIAL NUMBER
2011	Commander™ 800R	6CBA, 6CBC 6DBA	See list enclosed

## PROBLEM

The vehicles listed in this bulletin, were delivered with a coolant hose installed in reversed position.

This situation allows interference between the hose and the intake manifold which could lead to coolant hose damage.

# SOLUTION

Reinstall the coolant hose in proper position.

## **REQUIRED PARTS**

DESCRIPTION	PART NUMBER	QTY
Oetiker clamp	(P/N 293 650 099)	2

# PROCEDURES

**A** CAUTION Engine coolant or parts may be hot. Direct contact may result in skin burn.

### **Coolant Hose Access**

Refer to the 2011 Commander shop manual (P/N 219 100 452) and proceed as follows.

- Remove both seats
- Remove both lateral console panels.

### **Coolant Hose Repositioning**

Remove pressure cap.

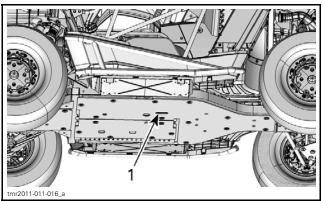


1. Pressure cap

Unscrew drain plug to remove approximately 1 L (1.1 qt (U.S. liq.)) of engine coolant.



tmo2011-001-120\_b 1. Coolant drain plug



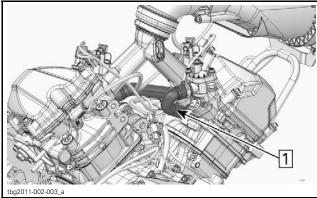
1. Cooling system drain plug access

Recover coolant in a clean suitable container. Reinstall coolant drain plug.

### COOLING SYSTEM DRAIN PLUG TORQUE

9 N•m to 11 N•m (80 lbf•in to 97 lbf•in)

Remove and discard both clamps from hose between cylinder heads.



1. Hose between cylinder heads (installed the wrong way).

Disconnect coolant hose from the rear cylinder head.

Syphon the remaining coolant in the hose using the SUCTION PUMP (P/N 529 035 880)



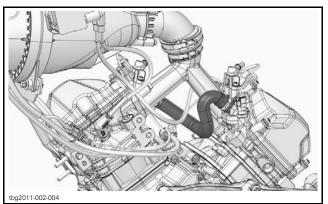
Disconnect coolant hose from the front cylinder head.

Install 2 new Oetiker clamps over coolant hose.

Reinstall coolant hose in the reverse position of removal.

Ensure there is no contact between the hose and any engine component.

**NOTE:** The curved preformed section goes on rear cylinder head (cylinder #2) as shown.



1. View from PTO side (correct installation).

Tighten both clamps.

Add coolant and bleed cooling system. Refer to MAINTENANCE PROCEDURES in the 2011 COMMANDER SHOP MANUAL.

## WARRANTY

Submit a warranty claim using the following information:

CAMPAIGN NUMBER	2011-0002
Claim Type	Campaign claim
Expiry Date	January 18 <sup>th</sup> 2012
Action	Repair
Flat Rate Time	1.0 hour

Click in the REPAIR BOX while completing your claim on BOSSWeb.

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For claiming procedure, refer to the *DEALER/DIS*-*TRIBUTOR WARRANTY GUIDE*.

## SERIAL NUMBERS LISTING OF INVOLVED VEHICLES

Model: 6CBA

From 000049 to 000100 From 000103 to 000126

### Model: 6CBC

000005 000007 From 000009 to 000019 000022 000024 From 000033 to 000048

#### Model: 6DBA

From 000003 to 00009 000012 From 000014 to 000015 From 000017 to 000026 000028 From 000030 to 000033 From 000035 to 000045 From 000047 to 000050