

November 3, 2010 Subject: **Replacement Long Block Engines for 500/650/800 V-Twins**

No. **2011-9**

MODEL YEAR	MODEL	MODEL NUMBER	SERIAL NUMBER
2007 to 2011	Outlander 500/Outlander MAX 500	All	All
2006 to 2011	Outlander 650/Outlander MAX 650		
2006 to 2008	Outlander 800/Outlander MAX 800		
2009 to 2011	Outlander 800R/Outlander MAX 800R		
2008 to 2011	Renegade 500		
2007 and 2008	Renegade 800		
2009 to 2011	Renegade 800R		

ORDERING NEW LONG BLOCK

Order long block engine according to the following applicable table.

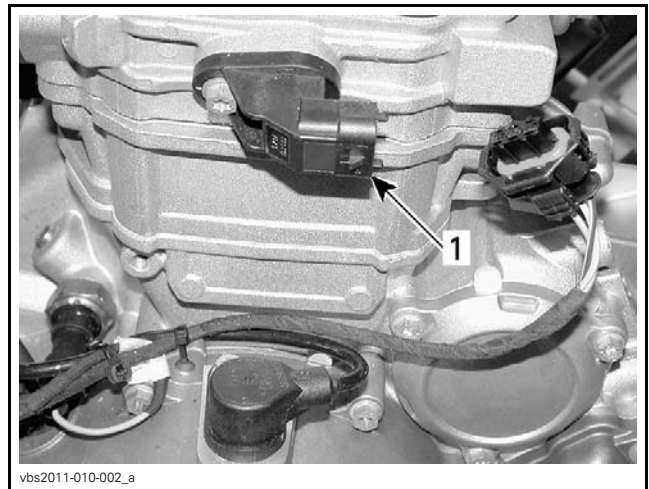
DESCRIPTION	PART NUMBER
Long block 500	(P/N 420 049 036)
Long block 650	(P/N 420 066 035)
Long block 800 (up to MY2008)	(P/N 420 081 030)
Long block 800R (MY2009 and later)	(P/N 420 081 066)

These long blocks are assembled with:

- Crankshaft with MAG side oil bore for 650W magneto cooling
- CAPS already installs on front cylinder.

Cam Shaft Position Sensor (CAPS)

CAPS is provided on **ALL** replacement engines even though MY2010 and newer 500 and 650 do not use this sensor. In this case, the CAPS is there to cover the opening, it does not need to be connected.

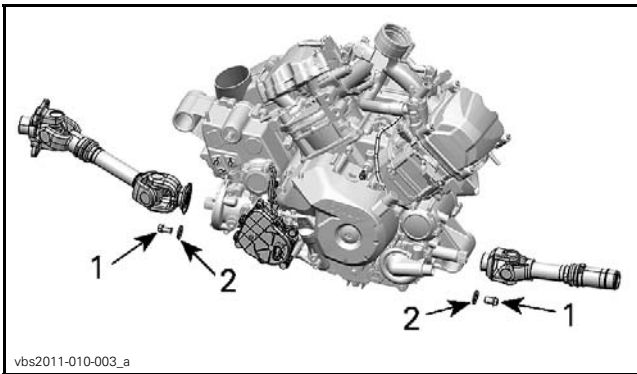


1. Cam shaft position sensor (CAPS)

Propeller Shaft Retaining Screws

Use M12 bolt and washer to secure front and rear propeller shafts.

DESCRIPTION	PART NUMBER	QTY
M12 propeller shaft screw	(P/N 250 000 359)	2
M12 propeller shaft flat washer	(P/N 250 200 102)	2



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1. M12 propeller shaft screw (P/N 250 000 359)
2. M12 propeller shaft flat washer (P/N 250 200 102)