

September 26, 2011 Subject: **Outlander™ and Renegade™ Performance Improvement - Throttle Plate Calibration (All Models Except CE)**

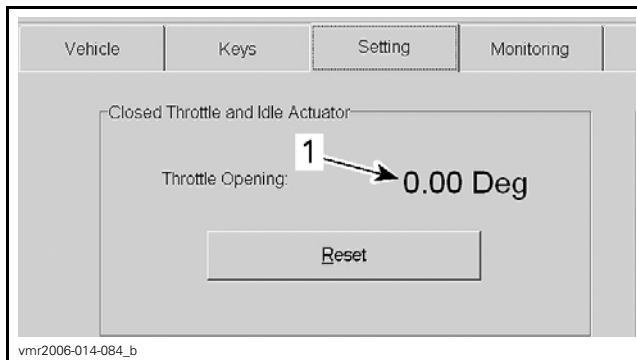
No. **2012-5**

YEAR	MODEL	MODEL NUMBER	SERIAL NUMBER
2012	Outlander and Renegade	All	All vehicles produced before September 20, 2011

To ensure optimum engine performance, at PDI, the throttle plate opening should be checked using B.U.D.S.

THROTTLE PLATE OPENING VERIFICATION

- Using B.U.D.S. software, select the **Setting** tab. The display shows the actual throttle opening in degrees.



1. Throttle opening display

NOTE: Do not click on the **Reset** button.

- Fully depress throttle lever (wide open position) and hold. Read throttle opening.

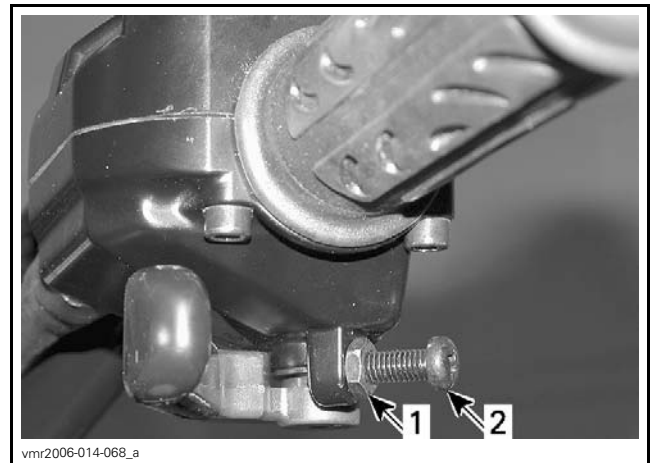
THROTTLE OPENING	80° to 86°
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NOTE: For an accurate reading, do not apply excessive force on throttle lever at the end of its stroke.

If opening is out of specification, perform the *THROTTLE LEVER STOPPER SCREW SETTING*.

THROTTLE LEVER STOPPER SCREW SETTING

- Loosen the stopper screw lock nut.
- Fully depress throttle lever (wide open position) and hold.
- Loosen stopper screw until it just releases throttle lever.



- Lock nut
- Stopper screw

- Turn stopper screw clockwise until it contacts throttle lever again.
- From this point, tighten stopper screw 1/2 turn (to remove strain on the cable).
- Keep the stopper screw from turning and tighten lock nut.
- Read throttle opening. If throttle opening is out of specification, perform adjustment again.

NOTE: If the proper adjustment is impossible to reach with this procedure, perform a throttle cable adjustment, refer to the appropriate Shop Manual.