

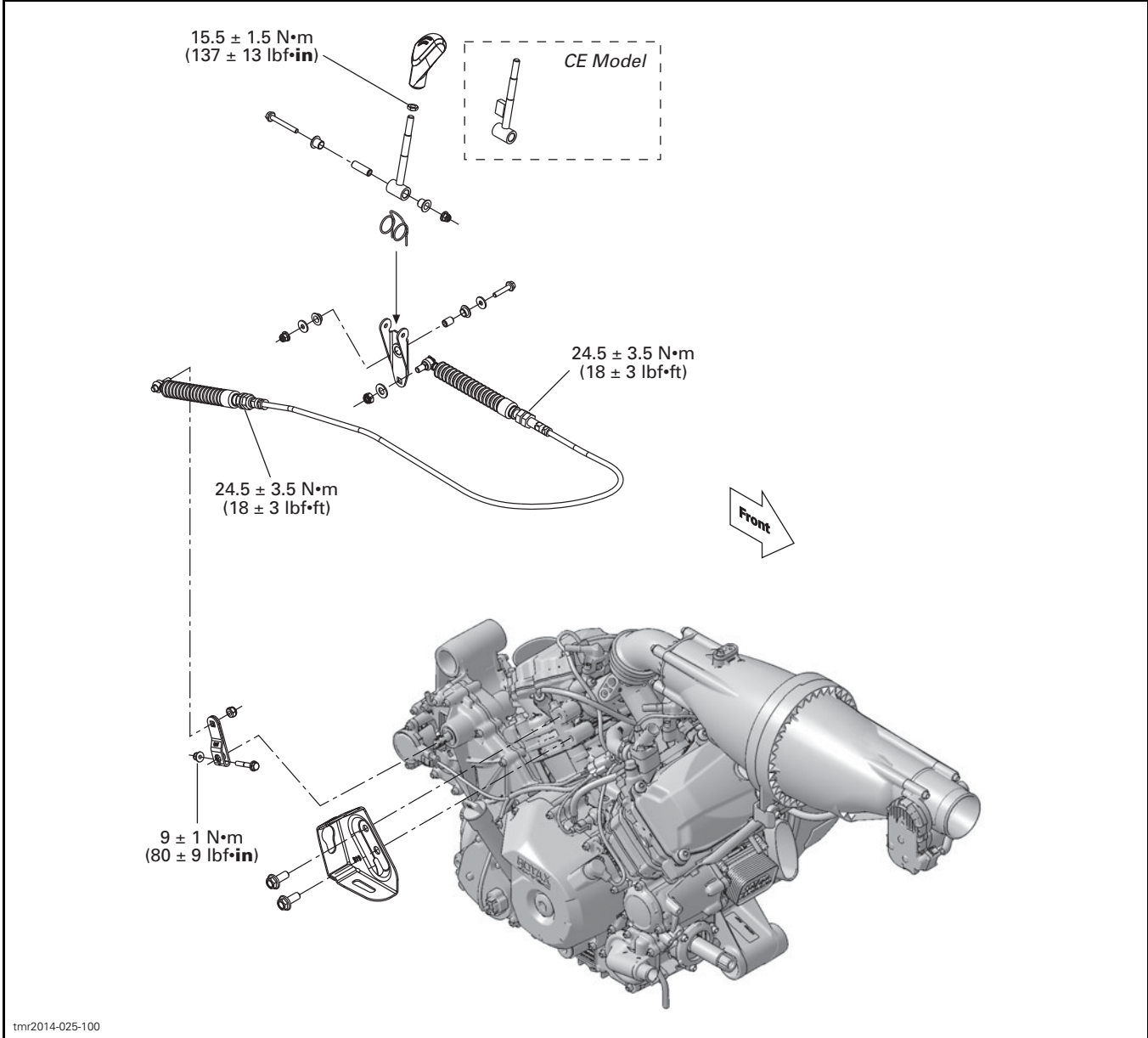
SHIFTER

SERVICE TOOLS

Description	Part Number	Page
TRANSMISSION ADJUSTMENT TOOL	529 036 252	2

All Models

New shifter cable adjustment procedure.






tmr2014-025-100

PROCEDURES

SHIFTER CABLE

Shifter Cable Adjustment

REQUIRED TOOLS		
TRANSMISSION ADJUSTMENT TOOL (P/N 529 036 252)		
T1	Shift Lever Locking Tool (included in P/N 529 036 252)	
T2	Shift Plate Locking Tool (included in P/N 529 036 252)	

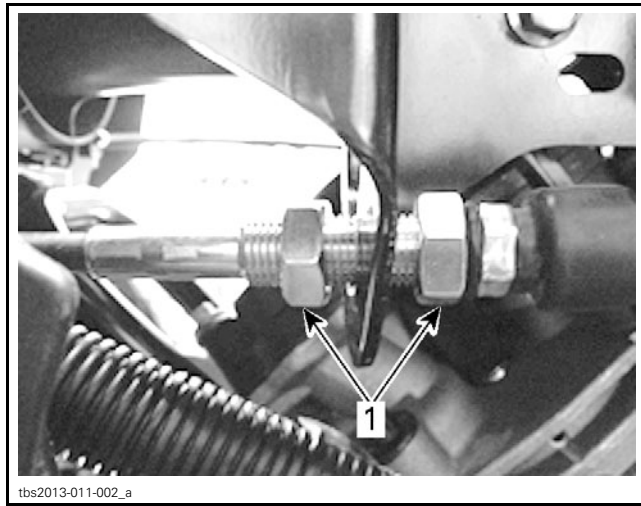
1. Place shift lever in **NEUTRAL** position.

NOTICE Move vehicle back and forth to ensure gearbox is set in neutral position.

2. Secure vehicle using wheel blocks.

3. Remove lower console and both lateral console panels. Refer to *BODY* subsection in appropriate shop manual.

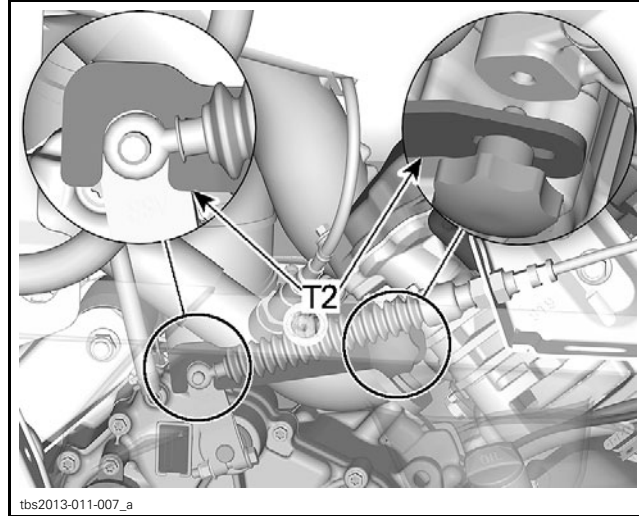
4. Loosen shift lever end cable adjustment nuts.



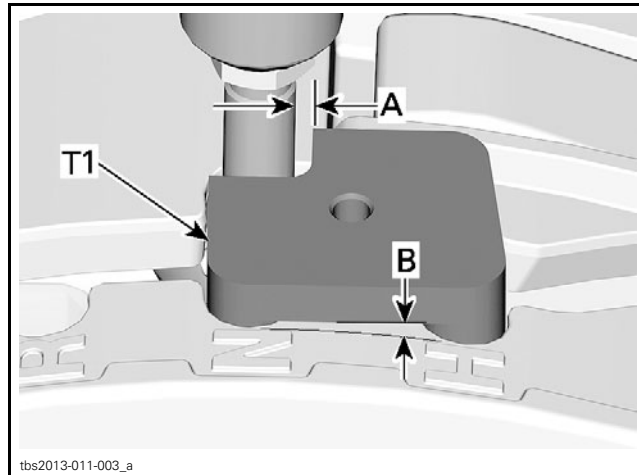
1. Adjustment nuts

5. Rock forward and backward the shift plate on the gearbox to ensure it is well centered in the "N" position.

6. Using the shift plate locking tool **no. T2**, locked shift plate and screwed the knob in the rear cylinder head



7. Insert the shift lever locking tool **no. T1** in shift lever indicator to lock shift lever in place. Leave a gap of 2 mm to 3 mm (5/64 in to 1/8 in) between locking tool and shift lever.

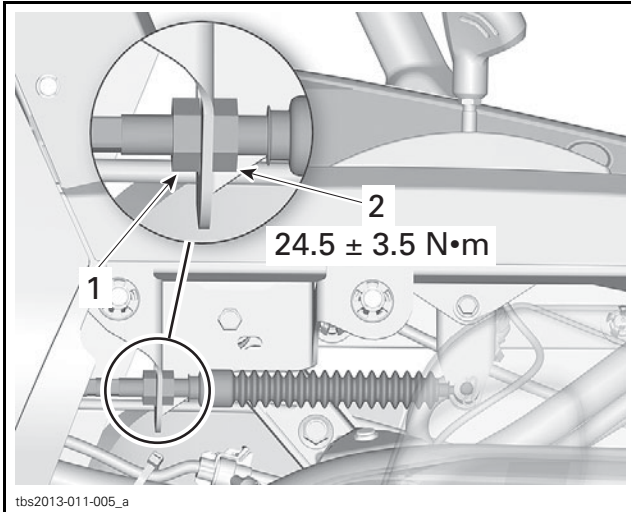


A. Gap between shift lever and locking tool

B. Normal angle between shift lever indicator and locking tool

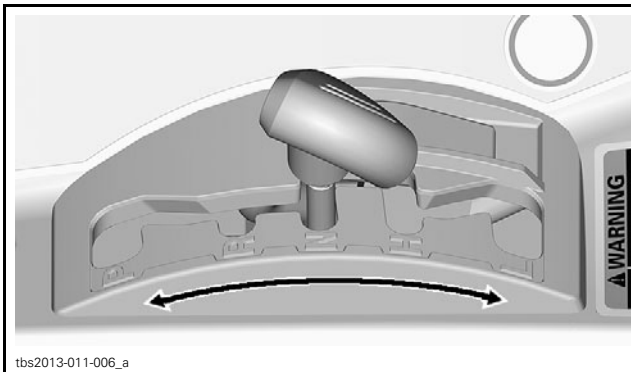
8. Tighten the front cable adjustment nut by hand until gap between shift lever and locking tool disappear.

9. Tighten second adjustment nut and torque it to specification.



1. Tighten to remove the gap
2. Torque to specification

10. Remove shift plate locking tool **no. T2**.
11. Remove shift lever locking tool **no. T1**. It should be easy to do. If not, repeat tightening sequence with less pressure from the shift lever with less pressure from the shift lever on the locking tool.
12. Shift transmission to R, L, P, H and back to N.
13. Verify maximum free play in cable. Shift lever should move from P to L without high restriction (only spring load restriction).



14. Reinstall all removed parts. Start engine, select P-R-N-H and L to ensure the transmission shifts into every gear.

⚠ WARNING

After adjustment, make sure that PARK position works properly.