

Pesaro 21/12/2011

**Report purpose:**

**125 cc. EN-MX Exhaust valve motor cables assembling an adjustment procedure.**

**TMEES (TM Electronic Exhaust System)**

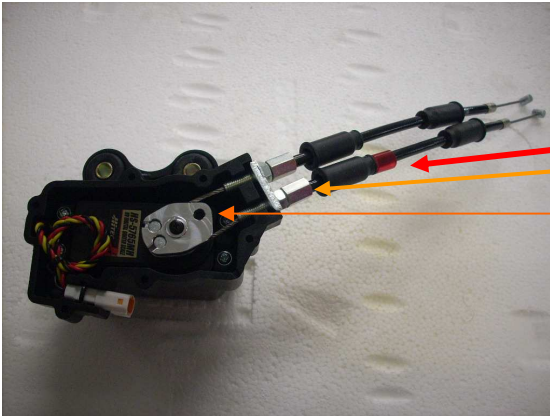


Figure 1

- 1) Cables right position.
- 2) Red marked cable on the bottom.
- 3) Cable adjuster completely screwed.
- A) Pulley reference hole.

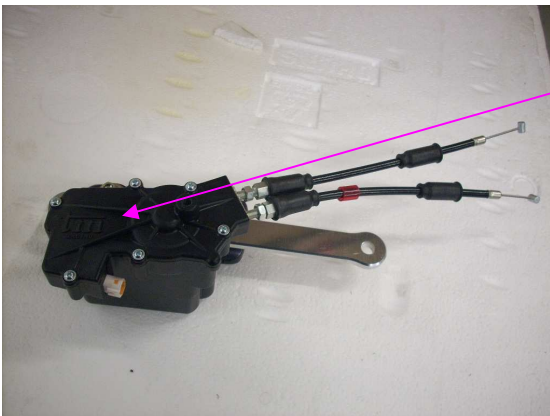


Figure 2

- 4) Install the cover and lock it with 6 screws.

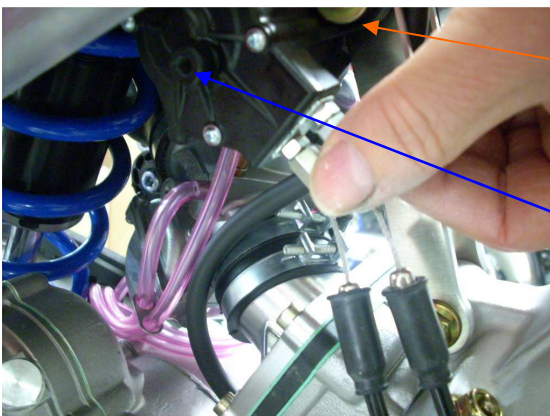


Figure 3

- 5) Install the motor on the appropriate clamp without locking the screws.
- 6) Line up the pulley reference hole (ref.A Figure 1) and the cover one through the two cables.
- 7) Insert 4mm diameter pin across the two holes (cover-pulley).



Figure 4

8) Fix the cables on the exhaust valve pulley.



Figure 5

9) Lock the exhaust valve pulley by means of a 4mm diameter pin through the holes (pulley-cylinder, Figure 4).  
NB Both the pulleys have to be locked through the two references. (pins plugged).

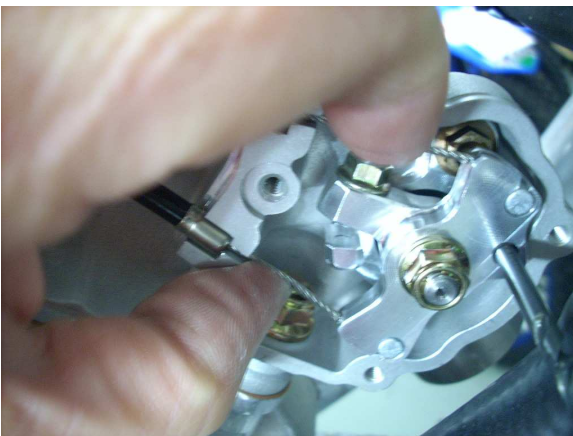


Figure 6

10) Adjust calbe tension by means of calbes adjusters.

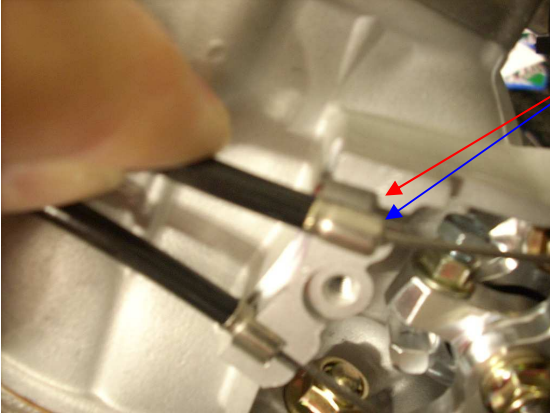
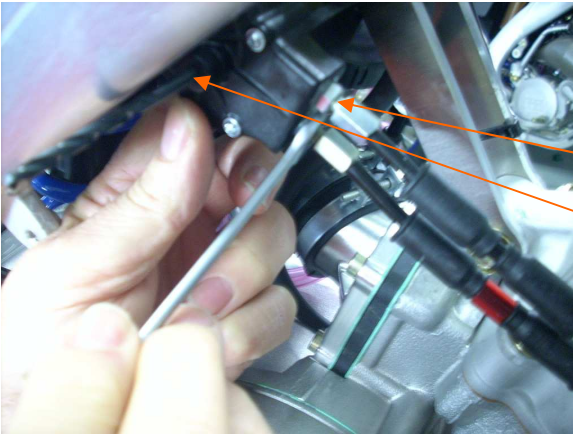
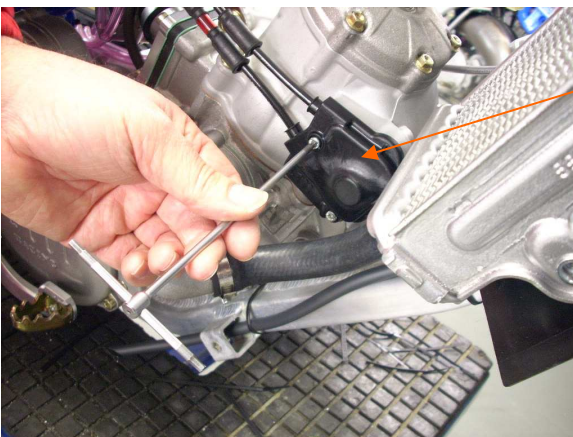


Figure 7

NB Check cables tension digging out them individually from the housing (Figure 7) and measuring the preloading. The right preloading between the sheath and the housing and have to be 1.5-2.0 mm.

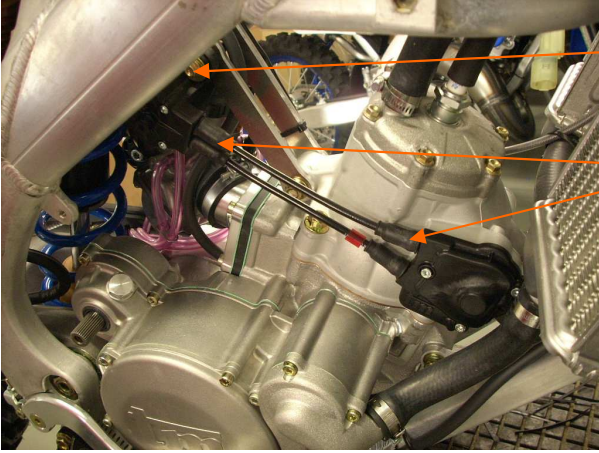


- 11) Lock the cables adjusters.
- 12) Dig out the two pins (motor and cylinder)
- 13) Plug the motor cover hole with the cap.



- 14) Put the cover on the cylinder and screw up it.





15) Screwed up motor valve support bolt.

16) Install protection rubbers.