Technical Service Bulletin

Cobra Moto, LLC
240 Uran Street
Hillsdale, Michigan 49242
(517) 437-9100 phone
(517) 437-9101 fax

March 13, 2024

TSB0724 Electronic Throttle Magnet Glue

It is intended that the magnet in the electronic throttle stay put in place at all times. If it is possible to ‘wiggle’ the magnet in your electronic throttle assembly, please apply ?????? glue at the 4 locations. Be sure that the surfaces are smooth afterwards and that there is no binding in the throttle operation. A wiggly magnet will cause erratic operation.

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Disassemble throttle.
2. Poke magnet with a toothpick through side holes (A).
3. If throttle magnet falls out move on to step 4, else skip to step 10.
(A) Magnet ring side-holes
4. Clean magnet and holder with isopropyl alcohol.
5. Apply constant strip of gap-filling super glue in magnet ring slot (B).
6. Align magnet north to magnet ring slot north as indicated by black mark on magnet and “N”
on magnet ring.
7. Insert magnet and press into position until gap-filling super glue exits through side-access
holes (C).
(B) A bead of gap-filling super
glue in magnet ring slot
(C) gap-filling super glue
exiting via side hole
8. Roll magnet ring across a hard surface to ensure magnet is fully seated, magnet outer
surface should be flush with outer surface of magnet ring.
9. Wipe excess super glue, including from side-hole.
10. Wait for super glue to cure, typical 15 minutes minimum for full cure. Move to step 13.
11. If magnet passed poke test, apply thin superglue in side-access holes (C).
12. Wipe excess super glue.
13. Allow super glue to cure according to super glue instructions, typical 15 minutes minimum
for full cure.
(D) Magnet ring side-holes