

Installation Instructions

SM9018

Tachometer Relocation Kit

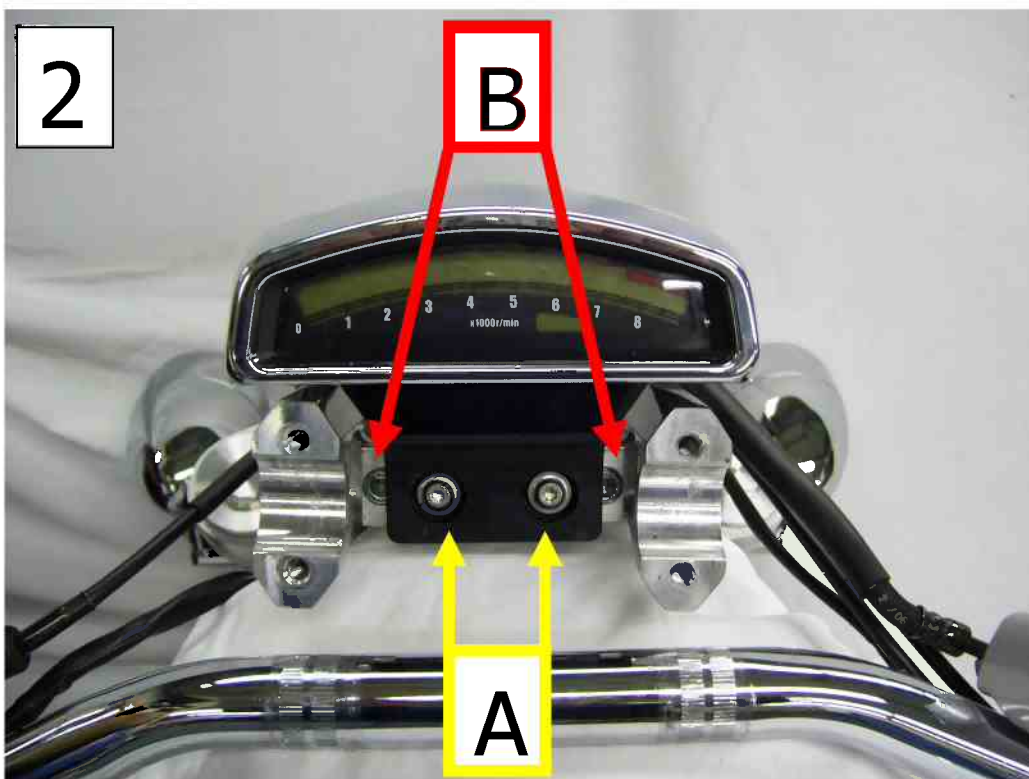
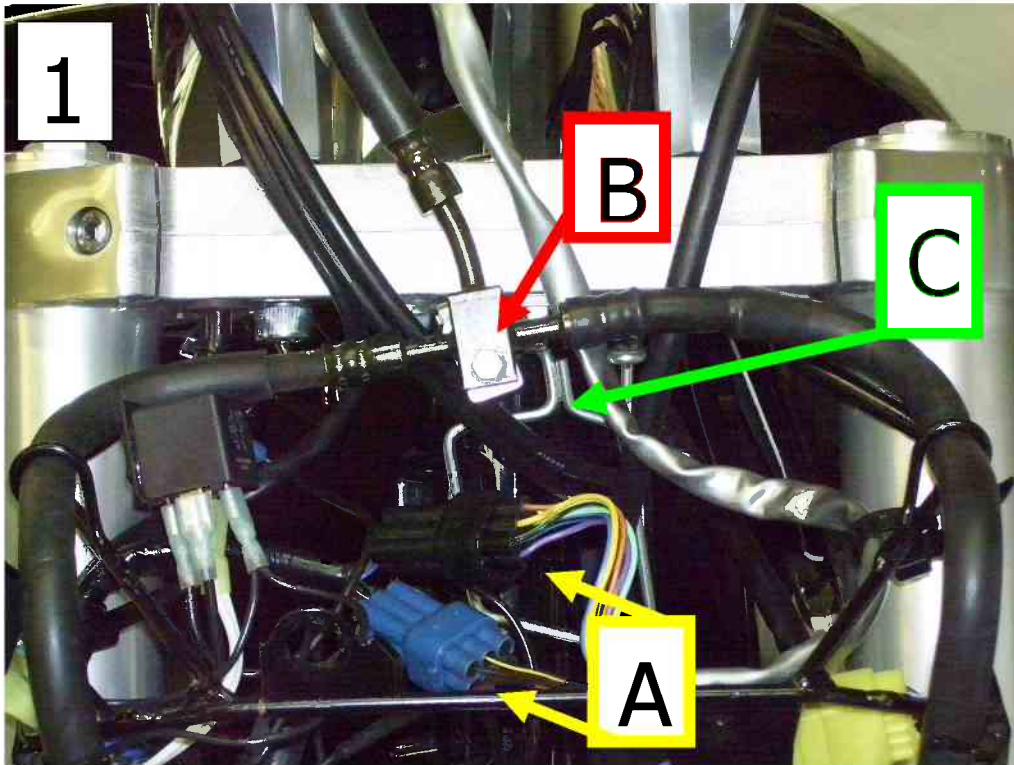
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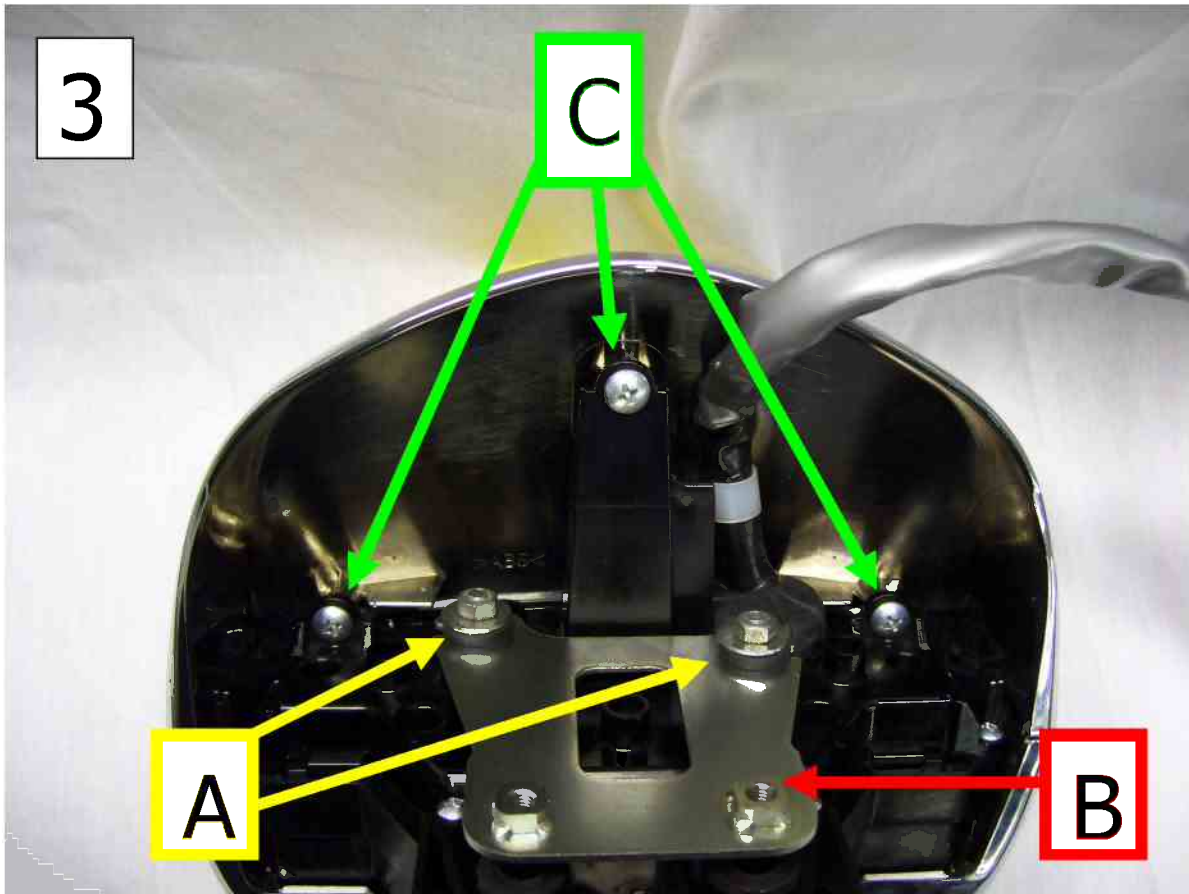
TACHOMETER RELOCATION KIT FOR SUZUKI M109 #SM9018

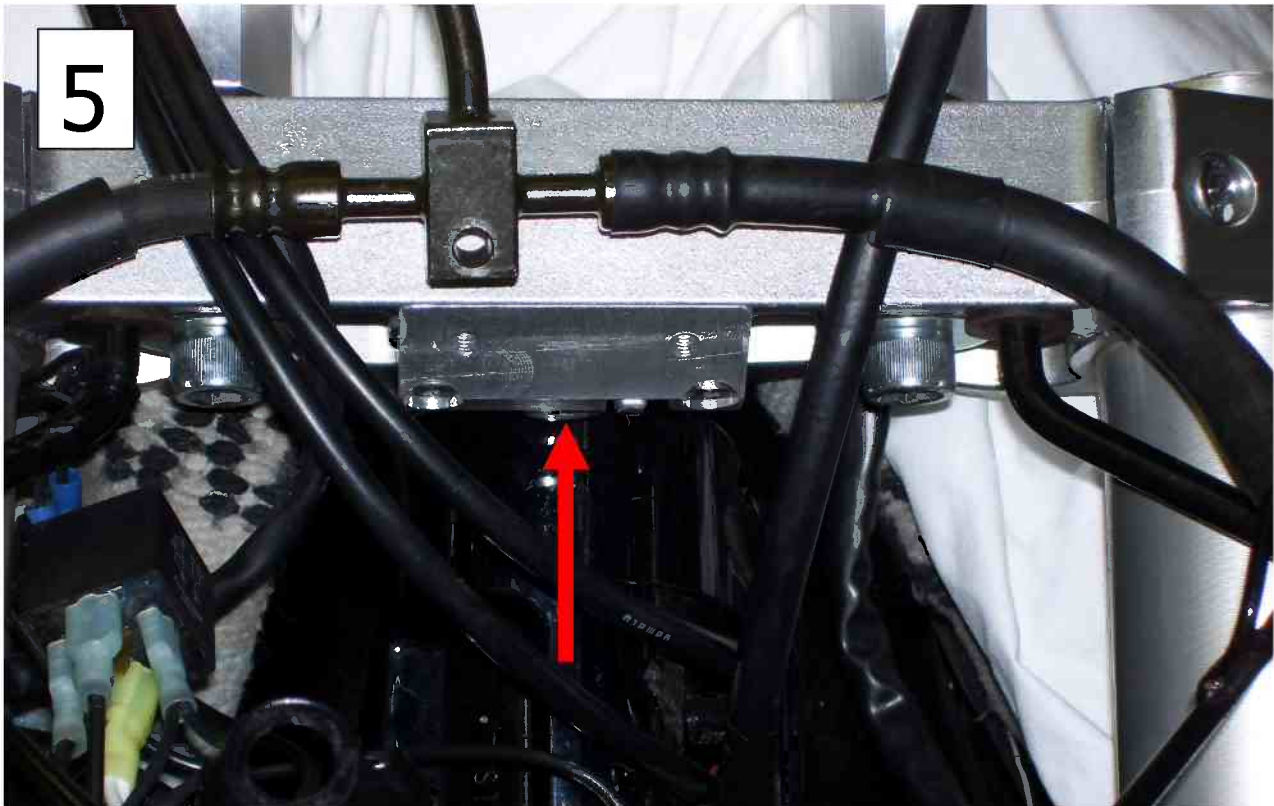


1. Remove the windscreen/headlamp assembly by removing the two 4mm allen screws located on the sides of the windscreen and the two plastic rivets at the top rear (push the center pin inward $\frac{1}{4}$ " and then pull the rivet out). Pull the windscreen/headlamp forward to gain access to the rear, unplug the headlamp and set aside.
2. Remove the black plastic filler panel that encloses the backside of the windscreen by cutting it on the left or right side at its narrowest point and then sliding it out to the side. This part will not be reused.
3. Locate the plugs from the tachometers wire harness (photo 1A) and disconnect them. Remove the cable tie securing the harness to the windscreen support. Remove the 8mm bolt (photo 1B) that secures the brake hose junction block to its mounting bracket and then the two 10 mm bolts that attach the bracket to the steering head and remove the bracket. Remove the 10mm bolt (photo 1C) from the cable guide bracket. Remove the cable guide from the cables by cutting it using a saw or small bolt cutters.
4. As shown in photo (2) use a towel or blanket folded several times to cover the top of the fuel tank to protect it from damage during the next steps. Remove the plastic caps from the handlebar clamp bolts using a small screwdriver. Remove the four 6mm Allen bolts from the handlebar clamps. Remove the clamps and set the handlebars onto the towel or rug on top of the fuel tank. Remove the two 4 mm Allen screws (photo 2A) securing the Tachometer assembly to the handlebar risers and remove the Tachometer assembly. Remove the tachometers mounting bracket (photo 2B) from the risers. Place the handlebars onto the risers, replace the clamps with their punch marks at the top and install the four 6mm screws (note there is a small punch mark on the handlebars also that should align with the clamp/riser mating surfaces to return the handlebars to their original position) tighten the upper bolts first and then the lowers securely. Replace the four chrome plastic caps removed earlier.
5. Lay the tachometer assembly out on a soft cloth or rug. See photo (3). Remove the two 8mm nuts (photo 3A) and the mounting bracket (photo 3B). Remove the three Phillips screws (photo 3C). Remove the lower or back half of the chrome housing. Refer to photo (4) and remove the five smaller Phillips screws. Remove the remaining half of the chrome housing.
6. Using the two Allen screws supplied, install the new tachometer-mounting bracket as shown in photo (5). While pushing the brake hose junction block down and to the side install the tachometer onto the bracket using the supplied 6x25mm bolts with lock washers and TWO washers on each bolt, tighten the bolts securely. Reconnect the tachometer wire harness and secure the wires using the original reusable cable tie. Secure the brake hoses to the windscreen support using the two cable ties supplied.

7. Lay out the windscreen on a rug or soft cloth as shown in photo (6). Using a hacksaw blade cut off the plastic tab as shown as close to flush with the surface as possible (this will not reduce the strength or integrity of the assembly). Reinstall the windscreen being sure that the wire harness and brake hoses do not interfere with its mounting. Turn the handlebars from side to side being sure they do not bind or hang up, check the throttle for a positive return to idle.







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