

# Installation Instructions

**TA006**

**Driving Lights**

RIVCO Products, Inc.  
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**DRIVING LIGHTS**  
**FOR TRIUMPH AMERICA & SPEEDMASTER (all years)**  
**#TA006**

1. Remove the front turn signals as follows. The turn signal wire plugs are located inside the handlebar switch housings. Remove the two Phillips screws located on the forward facing side of the switch housing, remove the covers, unplug the turn signals and reassemble the switch housings. Unbolt the signals from their black mounting brackets, remove the brackets from the bottom side of the switch housings, reinstall the nuts and tighten securely.
2. Remove the headlight assembly from its housing by removing the two Phillips screws located at four and eight o'clock on the housing, pull out on the bottom edge of the assembly first, unplug the wires and set aside.

3. Notice where the headlight housing is attached to the lower steering head that there are two bolt holes, one on either side

**Installing the lightbar with a windshield:** If you have a windshield it is most likely attached at this point, if so remove the two bolts and nuts. Install the lightbar onto the topside of the lower steering head with the windshields mounting brackets on top of the lightbar. Locate the supplied two M8 x 50mm bolts, two M8 nuts and six 8mm washers. Place a washer on each of the bolts, place two more washers between the windshield bracket and the light bar on each side, insert the bolts on both sides, install the two M8 nuts supplied and tighten securely.

**Installing the lightbar without a windshield:** Locate the supplied two M8 x 50mm bolts, two M8 nuts and two of the 8mm washers. Place the lightbar on the topside of the lower steering head, place the bolts thru the light bar and steering head, install two more washers, then the M8 nuts supplied and tighten securely.

4. Locate the driving lights and remove the nuts, lock washers and washers from each. Assemble the lights onto the lightbar with the washers, lock washers and nuts. Make the nuts only snug at this time, as you will need to aim the lights later then tighten the nuts securely.
5. Install the supplied new longer wires, mounting stud and spacers on the turn signals as follows (See photo 1). Cut the connector plugs from the end of the turn signal wires, slide the black cover off the wires, remove the signal lens screws and lenses, remove the socket/bulb assemblies and pull the wires out of the signal housings. Unplug the wires from the socket and attach the supplied longer wires (note the white wire goes to the center terminal of the bulb). Thread the new wires thru the grommets of the signal housings and reassemble the sockets and lenses onto the housings. Slide the black cover onto the new wires. Locate the two supplied M6 x 40mm threaded studs (set screws) and supplied black spacers, screw the set screws into the signals until finger tight then place the black spacer over the stud.

6. With the spacers still on the studs, screw the turn signals into the M6 threaded holes on the bottom of the lightbar just behind the driving light mounting nuts. Screw them in until you feel them becoming snug then continue turning them until they are facing forward and aligned to your liking.
7. Locate the wire channel or groove on each side of the bottom of the lightbar. Route the driving light wires then the signal wires with and the black wire cover up into the channel, pushing the black cover up until flush with the bottom of the lightbar and holding the wires up out of sight. Route the wires out the back of the lightbar, thru the mount at the base of the headlight housing and into the back of the housing with the other wiring.
8. Turn signal wire connections: Inside the headlight housing locate the large white and black plugs locate the two black wires with a yellow stripe on these connectors. Using two of the red wire splice connectors supplied connect the two black ground wires from the turn signals to these black wires with the yellow stripes. On the white plug locate the green wire with a yellow stripe and connect the right hand white turn signal wire to it. On the black plug locate the solid green wire and connect the white left hand turn signal wire to it.
9. Install the switch as shown in photo (2A) as follows. You may place the switch on the right side at the rear of the steering head as shown or on the left side. First clean the area you have selected with rubbing alcohol then peel the adhesive backing from the switch and press it firmly in place as shown with the wires facing down. Route the wires thru the hole in the backside of the headlight housing. Connect the two wires from the driving lights to one of the wires from the switch using the blue butt connector supplied. Connect the remaining wire from the switch to the short loop of red wire on the white plug using the blue splice connector supplied.
10. Turn the ignition on and then the on/off switch checking that both driving lights are on and also the turn signals. Reassemble the headlight back into the headlight housing. Aim the lights as desired both side to side and up/down then tighten the nuts securely.

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