

Installation Instructions

CA006

Driving Lights

440 South Pine Street
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Can Am Spyder Driving Lights

#CA006

1. Lay out and familiarize yourself with the components supplied in this driving light set.
2. Remove the three left plastic side covers, the lower forward cover first (three $\frac{1}{4}$ turn Dzus fasteners) then the forward upper cover (four Torx screws) and last the rear cover (four Torx screws and 2 plastic push pin rivets under the seat) Note: you will need to unplug the turn signal wires on the rear cover to remove the cover completely. Open the forward storage compartment (trunk) and remove the plastic filler panel located just below the headlights and surrounding the fuse box by prying up on it carefully. Last loosen the plastic upper front suspension arm covers from both the left and right sides by removing the five 8mm hex screws from the bottom side of each cover.
3. Locate the four supplied "P" clamps, four of the $\frac{1}{4}$ " x $\frac{3}{4}$ " screws and the four locking nuts. Spread the clamps open and place them onto the upper suspension arms as shown in photo (1A) with the flat side of the clamp down and the leg of the clamps facing each other. Install the supplied light mounting plates as shown in photo (1B) with the notch in the plate to the rear and out towards the tire. Center the large hole in the plates over the screw hole for the 8mm screw that secures the plastic cover then and align the plate to be parallel to the tire (with the tires pointed straight ahead) then tighten the screws and nuts securely.
4. Place the plastic suspension arm covers back into place being sure the ABS brake electric cord with the rubber grommet fits back into its mating slot on the bottom side of the cover next to the outer rear screw hole. Replace the five 8mm screws on each of the covers and tighten.
5. Referring to photo (2) install the lights onto the bracket as follows. Pivot the bracket on the light down or away from the light 90 degrees to allow easier access to the mounting slots in the brackets. Using the remaining four $\frac{1}{4}$ " x $\frac{3}{4}$ " screws and Acorn nuts install the lights onto the brackets with the screws going from the bottom up first thru the light bracket then the mounting plate with the Acorn nut on top of the plate. Rotate the lights back up on their brackets and aim the lights as close as possible at this time and tighten the screws and nuts securely as well as the 6mm screws on the sides of the light brackets upon which they pivot up and down.
6. Locate and uncoil the supplied wiring harness. Working on the left side in front of the forward cylinder place a trouble light or flashlight in the dark area as shown in photo (3A). Using one of the small cable ties supplied secure the relay on the wire harness (small black box with cable tie holder) as shown in photo (3B) to the metal tab on the frame. Remove the 10mm bolt and nut (3C) connecting the ground wires to the frame. Attach the ground ring terminal of the wire harness (3D) to this bolt.
7. Referring to photo (4) drill a $\frac{3}{8}$ " hole in the plastic dash panel to mount the on/off push button switch. Unscrew the rubber cap from the switch, route the switch and its wires up to the hole, insert the switch in the hole and screw on the rubber cap tightening securely.
8. Route the two cables of the wire harness with the mating plugs for the lights down past the grounding bolt and down thru the upper suspension arm. Working from the front left, between the upper and lower suspension arms and referring to photo (5) continue routing the cables along the brakes hoses with the longer cable going to the right light and the shorter to the left

light (as viewed while seated on the vehicle). Secure the cables to the brake hoses as shown in photo (5A) and another 2 cable ties on each side working your way outward towards the lights. Plug the cables into the lights and secure the plugs to the bottom side of the mounting plates using the longer cable ties supplied. Be sure to keep the cables and plugs away from moving parts such as the shock absorbers to prevent chaffing of the cables.

9. Referring to photo (6) use 6 more of the small cable ties and route the long wire with the fuse along the existing wiring harness above and alongside the left side of the engine, down the parking brake cable, along the parking brake switch wires and back to the battery. Be careful to keep the wire away from the sharp edge of the fuel tank. Connect the fuse wire to the batteries (+) positive terminal.
10. Route the remaining wire on the harness (without a terminal end) up to the fuse box. Locate the smaller gauge (thinner) purple wire with a yellow stripe on the backside of the fuse box. Connect the wire from the harness to this wire using the supplied wire tap connector. Turn the ignition on and check to see that the lights come on and go off with the push button. Note that if switched on, the lights will remain on when the ignition is turned off for approximately 10 seconds and then turn off automatically due to the way the vehicles electrical system is designed. This is normal.
11. Use the remaining cable ties to secure the wires to the switch and the fuse box then trim the excess from all of the cable ties if not already done. Reinstall the upper suspension arm plastic covers then the front panel cover surrounding the fuse box and the three left side covers being sure to reconnect the left signal wire while doing so. Aim the lights as desired being sure the screws are tight after doing so.





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