



installation instructions

brakelight conversion kit w/plate relocator for can-am spyder

part number 88021

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this **evoluzione cyclesports brakelight conversion kit w/plate relocator** was developed for the spyder rider who would like to clean up the tail end look & increase the visibility of their bike by adding the turn signal function into the factory brake lights (allowing both the brake light and turn signal to function simultaneously). another nice feature of this kit is a simplified wiring harness utilizing the factory "weather-pack" type connectors to allow quick and simple installation. **note:** may not be street legal in all states - check local laws.

introduction

this **evoluzione cyclesports brakelight conversion kit w/plate relocator** is easy to install by carefully following the instructions. [read all instructions first to familiarize yourself with the parts and procedures.](#)

installation

caution: It is suggested that the

bike be allowed to cool off for a few hours to avoid burns from hot exhaust and parts.

plate relocator

step 1. using a 10mm socket, remove the plastic cable guide on the right side swingarm (note routing of cables for reinstallation).

step 2. using a t-30 torx wrench, remove the seven bolts holding the underseat panel. set the underseat panel aside for later modification.

step 3. follow the license plate light wires to the two-wire connector under the seat. unplug the connector.

step 4. using a t-30 torx wrench & 10mm wrench, remove the three bolts holding the left fender bracket and lower belt guard to the swingarm.

step 5. using a t-30 torx wrench & 10mm wrench, remove the three bolts holding the right fender bracket to the swingarm. carefully remove the rear fender from the swingarm and set aside.

step 6. reinstall the plastic cable

guide removed in step 1.

step 7. reinstall the lower belt guard on the left side swingarm using the factory bolts and nuts. install the two (2) supplied 6mm thick standoffs between the belt guard and swingarm on the upper two bolt mounts.

step 8. place the supplied template (please see page three) on the underseat panel and drill two 6mm (1/4") holes and one 10mm (13/32") hole.

step 9. install the supplied metal collar (through the 10mm hole) from underneath and secure with the lock washer and nut using 1/2" wrench. install the bulb into the bulb holder and thread the assembly into the collar (from the top). thread the clear lens into the collar from underneath.

step 10. install a supplied washer on each of the supplied bolts. insert the bolts through the two end holes of the bracket (from the bottom). install a supplied 10mm thick standoff onto each bolt. from the underside of the underseat panel, thread the bolts through the 6mm holes drilled in step 8. install an-

other supplied washer and locknut onto each bolt. tighten the locknuts.

brakelight conversion kit

step 11. carefully unplug the 3-wire connectors on both the left & right tail lights.

step 12. with rubbing alcohol, clean the top inside surface of the rear frame.

step 13. remove the protective sheet from the adhesive pad on the back of the supplied brakelight module and carefully press the module into place (please see photo one).

step 14. plug the 3-wire female connector (brown, yellow & white wires) into the left tail light connector (please see photo one).

step 15. plug the 3-wire female connector (brown, green & white wires) into the right tail light con-

ector (please see photo one).

step 16. plug the 3-wire male connector (brown, red & white wires) into either factory harness connector (the other harness connector is not used - please see photo one).

step 17. carefully unplug the gray with red stripe single wire connector going to the left turn signal. plug the male (dual yellow wire) single connector into the factory harness. plug the female (single yellow wire) connector into the left turn signal connector (please see photo one).

step 18. carefully unplug the black with yellow stripe single wire connector going to the right turn signal. plug the male (dual green wire) single connector into the factory harness. plug the female (single green wire) connector into the right turn signal connector (please see photo one).

step 19. plug the license plate wire

harness into the two-wire connector from step 3.

step 20. turn the key to "on" and check that the license plate light functions correctly. next, check for proper operation of the brakelight module. check that both the tail lights illuminate. next, step on the brake pedal and insure that both brake lights illuminate. activate the left turn signal and check that both the left brake light and turn signal flash together. now step on the brake (with the left turn signal activated) and check that the left brake light and turn signal flash in an alternate pattern. repeat the above procedure with the right turn signal. turn key off.

step 21. reinstall the underseat panel using the seven factory bolts.

step 22. remove your license plate from the stock bracket and install onto the new bracket.

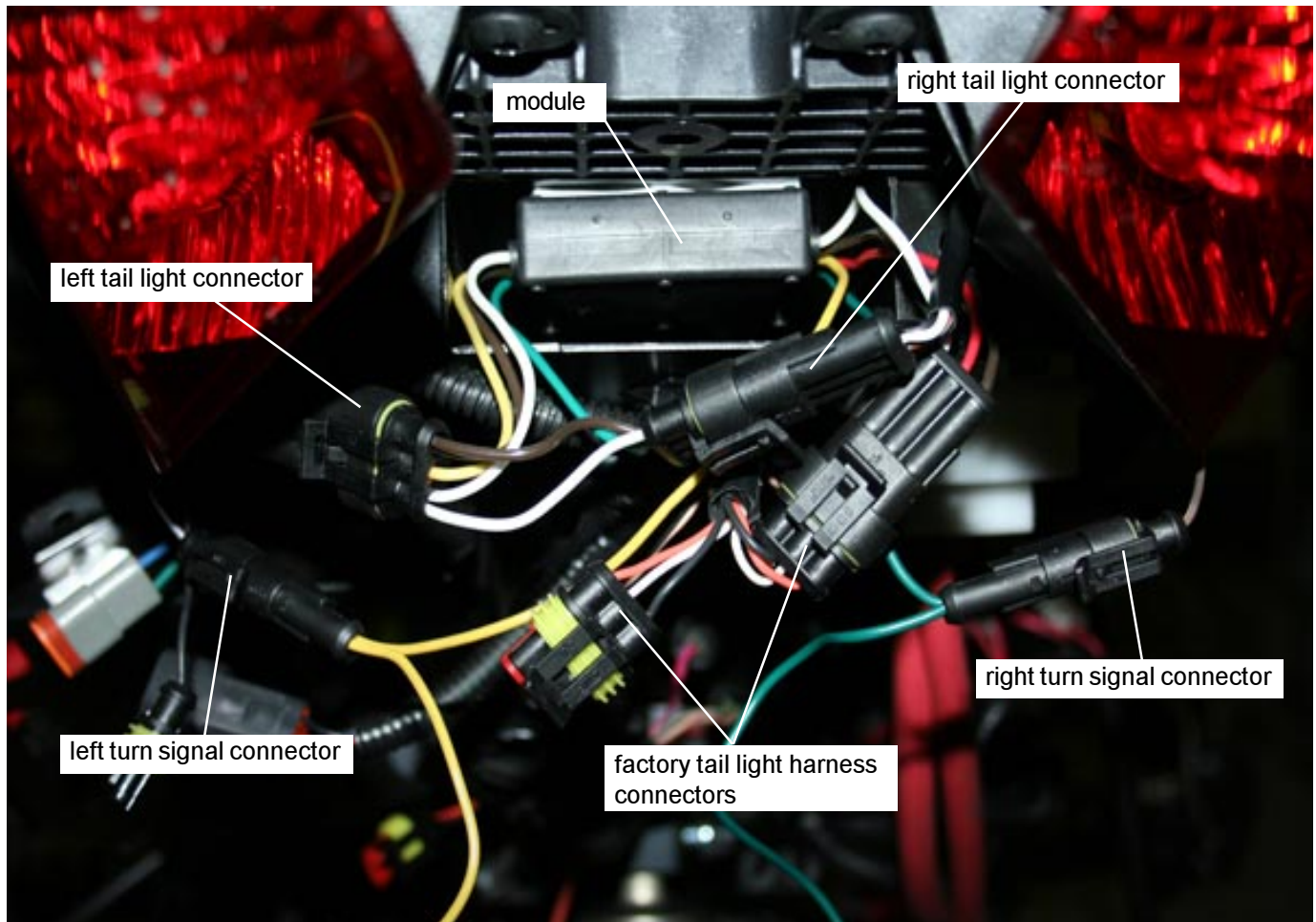
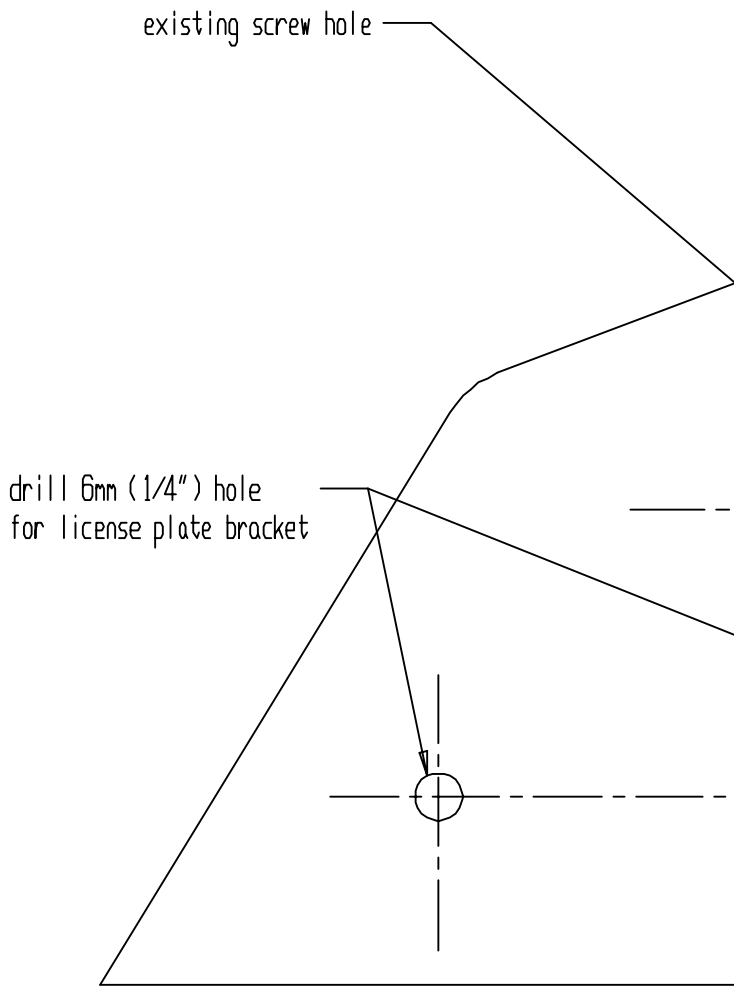


photo one



parts list

relocator bracket
 6mm standoff (2)
 10mm standoff (2)
 bolt (2)
 washers (4)
 locknut (2)
 collar with nut/washer
 bulb holder w/ harness
 bulb
 clear lens
 brakelight module

tools required

10mm socket & driver
 t-30 torx wrench
 10mm wrench
 5mm allen wrench
 1/2" wrench
 1/4" & 13/32" drill bits & drill
 rubbing alcohol/cotton ball