



21-22 KTM 1290

Evolution Safety Turn Signals

Disclaimer: We assume you possess the expertise and relevant tools to work on your machine. We also assume you have the OEM/Stock owner's manual or technical service manual for your machine. If you do not possess the skills, knowledge, or tools necessary to perform the installation of electrical and/or aftermarket parts, please see a qualified service provider.

Front Installation

1. Start by removing the fairing panels over the front signals.
 - a. See factory manual or find a video to help with this process.
2. Remove the lenses and factory reflectors from signals.
3. Pull/remove factory turn signal wires out of signal housing.
4. Find the front Evolution turn signal wire (black) in the box. Lay it on top of and behind the steering head (under the storage box) with the end marked "ACC2" on the right-hand side.
5. Locate "ACC2" on the right-hand side of the bike. Connect the flat male spade terminal into the black/red stripe wire on the wire bundle marked "ACC2".
6. Insert heat shrink covered terminal from Evolution turn signal wire (black) into the turn signal housing just enough to grab the terminal. Now insert factory turn signal wires into the turn signal housing (straightening the terminals will help). Use the previously installed Evolution turn signal wire (black) as a "pull" to help with getting the factory wires into signal housing. Be patient with this step.
7. Retrieve front Evolution turn signal board from box.
 - a. Connect the Evolution turn signal wire (black) to the W+ on the back of the board.
 - b. Connect brown factory wire to Y+ on back of board.
 - c. Connect remaining factory wire to GND on back of board.
8. Test system. There should be white running light as soon as the key is turned on. They should flash amber when turn signal is applied in that direction and return to white when signal is turned off.
9. Use plastic clips to secure signal housing to signal stem. 2 per signal.
10. Place board into signal housing. It may be helpful to slightly bend terminals towards center of signal housing. Insert signal lens and use factory screw to secure. Wire tie loose wires.
11. Reassemble front of motorcycle.

Rear Installation

1. Start by gaining access to the rear signals.
 - a. See factory manual or find a video to help with this process.
2. Remove the lenses and factory reflectors from signals.
3. Pull factory turn signal wires out of signal housing.
4. Find the rear Evolution turn signal relayed wire harness in the box. Locate "ACC2" at the rear of the bike. Connect the red wire from relayed harness to ACC2 black with red stripe and black wire from relayed harness to ACC2 brown. Feed white wires from the rear under seat area down to the rear signals.
5. Insert white wire from Evolution turn signal relayed wire harness into the turn signal housing just enough to grab the terminal. Now insert factory turn signal wires into the turn signal housing (straightening the terminals will help). Use the previously installed Evolution turn signal wire (white) as a "pull" to help with getting the factory wires into signal housing. Be patient with this step.
6. Retrieve rear Evolution turn signal board from box.
 - a. Connect the Evolution turn signal wire (white) to the R+ on the back of the board.
 - b. Connect brown factory wire to Y+ on back of board.
 - c. Connect remaining factory wire to GND on back of board.



7. Locate the rear brake light wire. White connector. White wire with green stripe. It's just under the rear portion of the seat. Install Posi-tap onto brake light wire and insert relay trigger wire.
8. Test system. There should be red brake lights when brake is applied. They should flash amber when turn signal is applied in that direction and return to red so long as brake is applied.
9. Use plastic clips to secure signal housing to signal stem. 2 per signal.
10. Place board into signal housing. It may be helpful to slightly bend terminals towards center of signal housing. Insert signal lens and use factory screw to secure. Wire tie loose wires.
11. Reassemble rear of motorcycle.

