

2020-2023 Aprilia RS660/Tuono 660 Fender Eliminator Kit Low Profile (Tucked)

Part No. FE-A21RST660-LP

Parts List

x1 Plate holder	x1 M6x20mm bolt
x1 Cover plate	x2 M6x25mm bolt
x1 License plate LED light	x6 M6 nylon lock nuts
x1 License plate harness adapter	x5 M6 washers
x2 M6x12mm bolt (for Non-USA plate mounting)	x4 M6 large OD washers
x4 M6x14mm bolt	

Required

T30 torx bit
Loctite or thread sealer

Tools:

10mm box wrench
10mm socket
8mm socket
7mm socket
Ratchet
4mm allen tool

1. Remove seat cowl/passenger seat(key)
2. Remove rider seat (pull out)
3. Remove seat tray - if present (4 bolts - 10mm socket at the center bolts and 8mm socket at the side bolts)
4. Remove plastic (unpainted) side panels below rider seat (3 bolts - 1 on bottom and 2 on top using 4mm allen), pull from bottom and slide rearwards to remove. Repeat other side
5. Remove center (joined) painted rear tail fairing (2 bolts on each side using 4mm allen) lift up and out to remove.
6. Optional: Remove the seat latch (2 bolts using 4mm allen tool - lift up and out along with the latch bracket) for easier access to the wires beneath
7. Locate the off-white color 4-pin connector for the left/right signals and license plate light and disconnect it.
8. Remove the rear fender (2 torx bolts from underneath at the forward end using T30 torx bit and 10mm box wrench for the nut from the top and 1 torx bolt from the rearmost end) pull down carefully along with the harness
9. Remove the 2 shoulder washers/spacers protruding through the undertail holes, flex the under down and pop them out
10. Grab the OEM rear fender rotate to the underside and undo the wire management clip holding the harness to the fender. Locate the left/right signal plugs and license plate light plug and disconnect. Extract the harness and relocate it back into the bike's undertail below the seat latch area. Plug back in the 4 pin off-white connector and feed the 3 plugs down through the hold on the undertail.
11. Attach LED license plate light to the plate holder by feeding the wires one at a time through the center hole, secure both nuts with 7mm socket. Attach the license plate light adapter harness - Yellow>White and Blue>Black. No brackets are supplied for turn signals, we recommend an integrated tail light or other external turn signals.
12. Peel and stick the 2 plastic spacers on the top side of the cover plate 2 forward holes.
13. Feed the license plate plug from step 10 above through the slot on the rear of the cover plate and mount the cover plate loosely to the under tail at the 1 rearward hole using 1 M6x20mm bolt and M6 washer.
14. Grab the plate holder assembly and plug in the license plate light (and optional left/right turn signals), while pulling the 3 harness from the top to take away the slack, mount the plate holder assembly to the cover plate to the bike using 2 M6x25mm bolts, M6 washers, and M6 lock nuts. Insert the bolt from underneath and secure with washer and nut from the top. Fully tighten the M6x20mm bolt at the rearward hole on the cover plate. 4mm allen tool and 10mm box wrench
15. Mount the license plate to the plate holder using 4 M6x14mm bolts, M6 large OD washers, and M6 lock nuts. For non-USA models that do not have 4 hole mounting, use the included M6x12mm bolts for mounting.
16. Turn on the bike and check for functionality of license plate light.
17. Reinstall in reverse order the seat latch, painted upper fairing, unpainted side panels, seat tray (if present) and rider and passenger seat/cowl.

