

# 2022-2025 Yamaha R7 Fender Eliminator Kit Low Profile (Tucked)

Part No. FE-Y22R7-LP

## Parts List

x1 Plate Holder	x4 M6x14mm bolts
x1 Adapter Bracket	x4 M6x16mm bolts
x1 License plate LED light	x4 M6 large OD washers
x1 License plate harness adapter	x5 M6 washers
x4 M5x12mm bolts (spare)	x6 M6 nylon lock nuts
x4 M5 washers (spare)	

## Tools:

3mm, 4mm and 5 mm allen tool  
7mm, 8mm and 10mm socket  
Ratchet  
Small/thin screwdriver  
Blue Loctite or medium thread locker

1. Removing the OEM fender, using the small screwdriver press in the center of rivet and extract the 2 directly below the tail light and 1 in the center rearward of the under-tail black plastic panel cover.
2. Remove passenger seat (key)
3. Loosen painted side fairings, using 4mm allen remove 4 black bolts (+steel collar underneath) from up top and 1 bolt securing the tail lamp upper cover panel (lift up cover and slide rearwards).
4. Remove plastic shroud between rider and passenger seat, 2 plastic rivets then pop forward and carefully lift up.
5. Remove rider seat, using 5mm allen to remove the 2 bolts - lift up seat taking caution to retain these bolts
6. Continue loosening painted side fairings, remove 2 plastic rivets for each side, 1 on the black plastic shroud and 1 up closer to the tank shroud. Using 4mm allen remove the 1 black screw for each side close to the black plastic shroud. Using 4mm allen, remove the central screw above the tail lamp that joins the left and right side fairings.
7. Continue loosening painted side fairings, using 10mm socket remove the 1 bolt per side from up top right next to the black screw removed from step 6 above.
8. From underneath, remove under-tail black plastic panel cover, 4 plastic rivets, then followed by 1 plastic rivet per side underneath where the painted side fairing meets with the black plastic tank panel.
9. Painted side fairings removal, fairings held in place by 2 friction fasteners, one in the rear towards the tail light and the other further back close to the black plastic tank panel. Gently pull the fairings from it's side starting with the rearmost fastener until it is released from its grommet, then continue with the forward-most fastener to completely remove the side fairing. Repeat with other side.
10. Locate and unplug left signal, right signal and license plate light. Connectors hidden under the ECU. Gently lift up on the ECU and swing out of way. On the right side of bike, disconnect license plate light (grey plug) and left/right signals (white and black plugs). Un-route the cables by cutting the 1 zip tie, and undoing the wire organizer clamp.
11. Drop the rear fender. Using 8mm socket remove the 4 bolts holding the fender onto the subframe, support fender on last bolt and carefully drop down while un-routing the 3 cables.
12. Separate the Plate Holder from the Adapter Bracket (these come pre-assembled together), using 3mm allen tool to remove the four M5x12mm bolts and M5 washers.
13. Mount the adapter bracket to the subframe using four M6x20mm bolts and M6 washers, apply a drop of blue Loctite or medium strength thread locker on these bolts, see illustration
14. Mount the LED license plate light to the Plate Holder by feeding the wires one at a time through the center hole then secure using the 2 nuts/washers, 7mm socket. Make sure the LEDs are facing down and do NOT over tighten the nuts.
15. Attach the license plate light adapter harness to the LED plate light, White>white and black>black.
16. While routing the license plate light harness through the underside of the subframe, mount the Plate Holder back onto the Adapter Bracket using the same four M5x12mm bolts and M5 washers removed from step 12 above, apply a drop of medium strength Loctite or thread locker on these bolts, see illustration.
17. Re-run the cables through the subframe in the same path in which it was removed, secure wire organizer, then plug back in the license plate light.
18. Reinstall in reverse order: reseat the ECU, painted side fairings, under-tail black plastic panel (insert/wedge one M6 washer from this kit in between the black plastic under-tail panel and the forward hole on the Plate holder when reinstalling the plastic rivet removed from step 1 above, see illustration), rider seat, central black shroud, and passenger seat.
19. Test all lighting functions before going on a road test.

