

2022-2025 Yamaha R7 Fender Eliminator Kit Standard

Part No. FE-Y22R7

Parts List

x1 Plate holder	x4 M6 large OD washers	x1 OEM Turn signal brackets (L+R)
x1 Wire cover	x7 M6 washers	x1 Aftermarket signal brackets (pair)
x1 License plate LED light	x6 M6 nylon lock nuts	
x1 License plate harness adapter		
x2 M6x12mm bolts		
x8 M6x16mm bolts		

Tools:

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. 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.
13. Attach the license plate light adapter harness to the LED plate light, White>white and black>black, then feed the harness up through the square opening above.

OPTIONAL ATTACH EXTERNAL TURN SIGNALS (SEE BELOW)

14. Optional: install Wire Cover. Slide the wire cover over the wires from underneath so that they fit into the 'slot'. Align the 2 mounting holes and secure using two M6x12mm bolts and M6 lock nuts. See illustration.
15. While routing the cables through the underside of the subframe, mount the Plate Holder to the subframe using four M6x16mm bolts and M6 washers, apply a drop of medium strength Loctite or thread locker on these bolts, see illustration.
16. 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 (and optional turn signals)
17. 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.
18. Test all lighting functions before going on a road test.

Installing factory turn signals

1. Rear fender disassembly to extract turn signals. 4 bolts from the top using 4mm allen. Pivot the left and right metal arms outwards to release the center plastic cover, then the arms are able to remove completely from the fender assembly.
2. Flip assembly over to access the back side of the turn signals. It is locked in place by a plastic locking tab. Use a small screw driver to pop it out, then the turn signals can pop out from it's socket by pivoting it forward and backwards. Pull it out along with the wires.
3. Reinstall turn signals onto our factory turn signal brackets in the reverse order of removal.
4. Mount factory turn signal adapters to license plate mounting holes on plate holder using four M6x16mm allen bolts, M6 large OD washers, and M6 nuts. Bolt>License plate>Plate Holder>Adapter>Washer>Nut

Installing aftermarket in-hole turn signals

1. Mount the aftermarket signal onto the aftermarket turn signal brackets, do not fully tighten
2. Mount the adapter on the upper holes of the license plate using two M6x16mm bolts, M6 larger OD washers and M6 lock nuts
3. Clock the turn signal so that it faces the rear, then tighten
4. Most aftermarket turn signals will require additional wiring

