

# 2021-2023 Yamaha MT-09 Fender Eliminator Kit Standard

Part No. FE-Y21MT09

## Parts List

x1 Plate holder	x10 M6 nylon lock nuts
x1 Cover plate	x6 M6 washers
x1 License plate LED light	x4 M6 large OD washers
x1 License plate harness adapter	x1 OEM Turn signal brackets (L+R)
x6 M6x16mm bolt	x1 Aftermarket signal brackets (pair)
x4 M6x30mm bolt	x2 Key hole grommet

## Tools:

4mm allen tool  
7mm socket (recommended) or wrench  
10mm socket (recommended) or wrench  
Ratchet with extension  
Philips screwdriver

1. Remove seat (key)
2. Remove seat latch bridge bracket (4 bolts using 4mm allen tool)
3. Locate and unplug the license plate light plug (cylindrical light grey connector)
4. Cut the cable ties securing the license plate light and turn signal harnesses
5. Unplug left and right turn signals plugs (black and white connectors)
6. Remove the rear fender (4 bolts using 10mm sockets from the top and push down on 1 plastic rivet at the forward center of the fender), support fender on last nut and drop down carefully while extracting the left/right turn signal and license plate light harnesses.
7. Pop off the factory yamaha rubber grommet on the under tail opening (just rear of the keyhole)
8. Attach the plate holder to the cover plate using two (2) M16x6mm bolts, M6 washers and M6 lock nuts. Note: cover plate mating surface is the flat side. Pop off the key hole grommet (a spare key hole grommet is supplied with the kit)
9. Attach the LED license plate light to the plate holder by feeding the wires one at a time through the center hole then securing with the 2 washers and nuts using 7mm socket/wrench. Ensure the LEDs are facing down towards the license plate. Attach the license plate light adapter harness White>White and Black>Black then feed the harness up through 1 of the 2 feed wire holes.

\*\*\*Optional attach OEM or aftermarket turn signals - see below\*\*\*

10. Install back the key hole grommet. While feeding the license plate light wire (and optional turn signals wires up through the under tail, mount the plate holder/cover plate assembly to under tail using four (4) M6x30mm bolts, M6 washers and M6 lock nuts.
11. Connect left/right signals and license plate light plugs, then organize the wires
12. Re-install the seat latch bridge bracket
13. Re-install seat
14. Test all lighting before going on a road test

## Attaching OEM signals:

1. Disassembly of the rear fender (4 bolts from the top and 4 screws from the bottom - 4mm allen tool and Philips screwdriver), separate and extract the turn signals by popping off the plastic lock tab inside the base of the signal, then pop off the signal from the fender along with the wires. The turn signals have a rubber neck extension you can remove to shorten the length of the signals or leave them as is.
2. Remount the turn signals onto the OEM signals brackets included with our kit. You can optionally reverse the left and right signal brackets to shorten the length even more.
3. Mount the turn signal brackets to the back of the plate holder using the four (4) M6x16mm bolts, M6 large OD washers and M6 lock nuts.  
Bolt>License plate>Plate holder>Signal bracket>Washer>Nut
4. Feed the left and right signal plugs up through key hole grommet hole then position them each into the feed wire holes. Pull up on any slack

## Attaching aftermarket signals:

1. Mount the 2 aftermarket turn signal adapters to the plate holder mount upper hole.
2. Mount the aftermarket 8-10mm hole mount turn signals.
3. Run the wires through each of the feed holes and wire it to the bike.

