

2024-2025 Ninja 500/Z500 Fender Eliminator Kit Standard

Part No. FE-K24NZ500

Parts List

x1 Plate Holder	x4 M8x20mm bolts
x1 License plate LED light	x4 M8 washers
x1 License plate harness adapter	x4 M8 lock nuts
x4 M6x16mm bolts	x1 OEM turn signal brackets (L+R)
x4 M6 large OD washers	x1 Aftermarket turn signal brackets (pair)
x4 M6 lock nuts	

Tools:

4mm allen
5mm allen
7mm socket
10mm socket
13mm socket
Needle nose pliers

1. Remove passenger seat (key)
2. Remove rider seat (cable pull)
3. Unlatch the tray cover and pull it out of the way
4. Locate the black boot encasing the plugs for the left turn signal, right turn signal, and license plate light and slide the boot forward to reveal.
5. Disconnect left/right turn signals and license plate light.
6. Using needle nose pliers, remove the rectangular grommet that is wedged between the rear fender and the undertail and surrounds the 3 cables from step 5 above. The grommet has a split for easy removal. Route (pull) the 3 cables from the cable holder and down out through the undertail.
7. Removal of rear fender using 5mm allen from the top to unbolt the 4 bolts from the top, support weight of fender on the last bolt and drop down. These bolts are no longer needed
8. Attach the Motodynamic™ LED license plate light to the Plate Holder by feeding the wires one at a time through the central hole, making sure the LEDs are facing down, then secure the 2 nuts using a 7mm socket or wrench.
9. Attach the license plate light adapter harness to the LED light Blue>White and Black>Black

OPTIONAL: ATTACH TURN SIGNALS - SEE BELOW

10. While feeding the license plate light wires (and optional turn signal wires) up through the same opening on the undertail, mount the Plate Holder assembly to the bike using 4 M8x20 bolts, M8 washers, and M8 lock nuts, see illustration.
11. Connect license plate light plug (and optional turn signals plugs) back into the bike and cover with the boot
12. Mount license plate to plate holder using 4 M6x16 bolts, M6 large OD washers, and M6 lock nuts (skip this step if already mounted)
13. Re-install driver and passenger seat, and test all lighting before going on a road test

Installing factory turn signals

1. Remove the OEM turn signals off the factory rear fender. 1 philips screw then remove the locking plate, followed by popping out the backing plate. Carefully pop off the turn signals and pull out the wires.
2. Reinstall turn signals onto the factory turn signal brackets in the reverse order of removal.
3. 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

