



YOSHIMURA

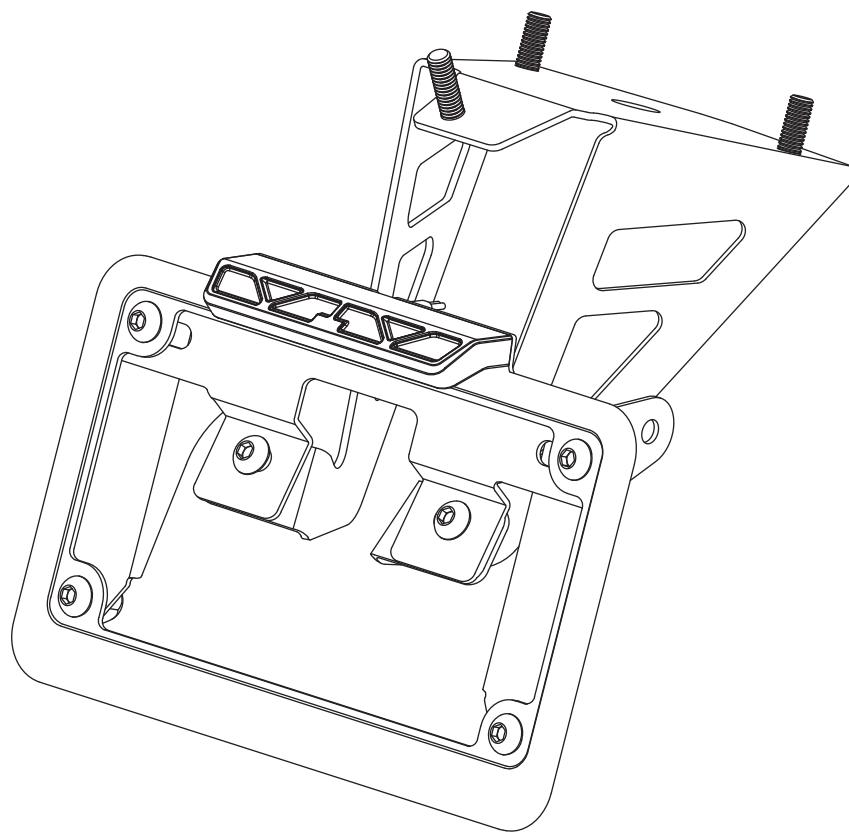
RESEARCH&DEVELOPMENT OF AMERICA, INC.

5420 DANIELS STREET STE A, CHINO CA., 91710 · (800) 634-9166 · (909) 628-4722 · FAX (909) 591-2198

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FENDER ELIMINATOR KIT

070BG193000
Aprilia RS660

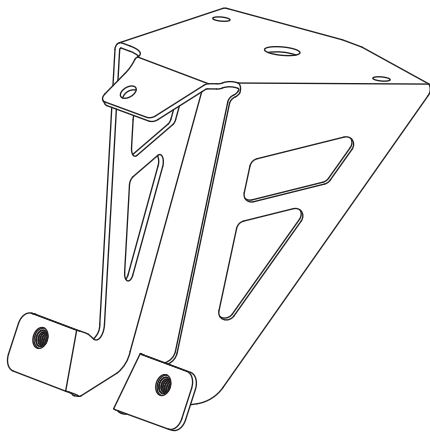


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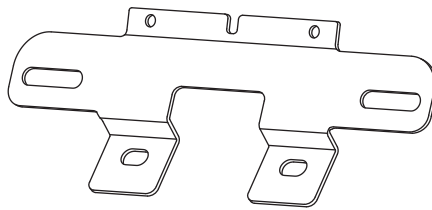


x1



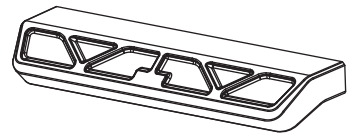
19300-FEBKT
Fender Eliminator Bracket

x1



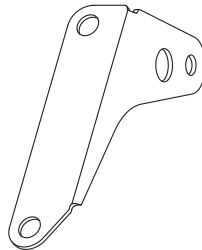
070BG-UNV-FEBKT
License Plate Bracket

x1



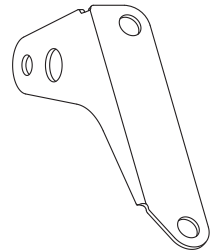
070BG-LH-K1
Fender Eliminator Light

x1



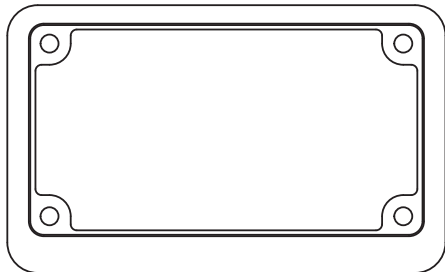
19300-TSB-L
Left Turn Signal Bracket

x1



19300-TSB-R
Right Turn Signal Bracket

x1



070BG-LPF
License Plate Frame

x2



M4X6BHS
4mm x 6mm
Button Head Screw

x2



M6X14BHS
6mm x 14mm
Button Head Screw

x4



M6X16BHS
6mm x 16mm
Button Head Screw

x2



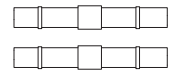
M6X10BHS
6mm x 10mm
Button Head Screw

x1



M6X20BHS
6mm x 20mm
Button Head Screw

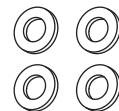
x2



BN-SSS-22-18
Solder Shrink
Connector

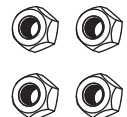
Assembly Diagram

x4

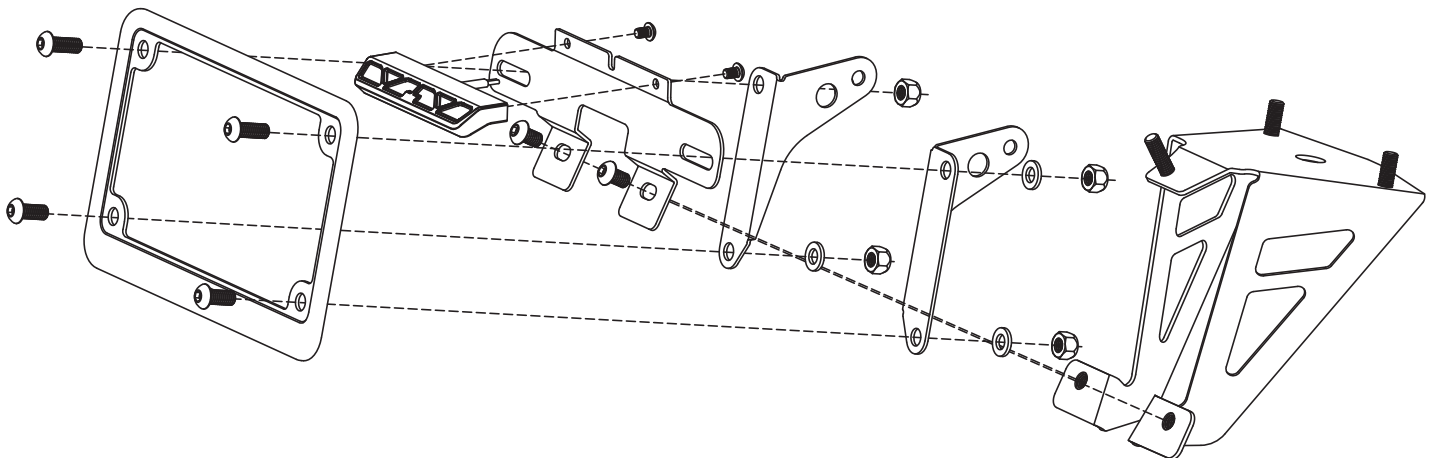


6MMWASHER
6mm Washer

x4



6MMLN
6mm Lock Nut



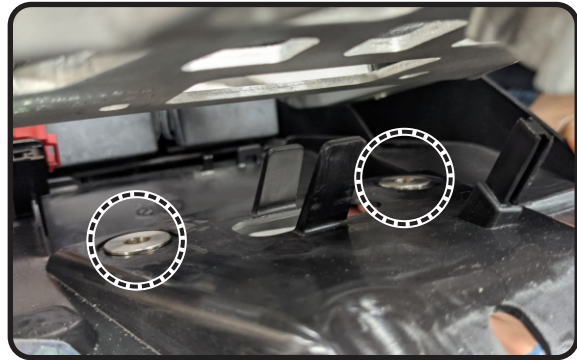
Removal

1. Remove passenger seat and rider seat.
2. Remove the four bolts securing passenger seat support plate and remove.
3. Removing the left and right rear side cover and undertail may ease removal of the stock fender and installation of the Yoshimura fender eliminator kit. Follow steps in Factory Service / Owners Manual for disassembly.
4. Locate and disconnect white square 4-pin fender sub-harness connector. While securely supporting the fender assembly, remove the three Torx bolts securing fender to subframe and carefully remove the fender assembly.

Note: Two of the fender bolts are secured using lock nuts. Using a 10mm wrench, hold nut in place from above when removing the bolts.



5. The stock fender spacers protruding from the undertail will not be used with the Yoshimura fender eliminator kit. Gently pull down on undertail and remove the fender spacers from above as shown.

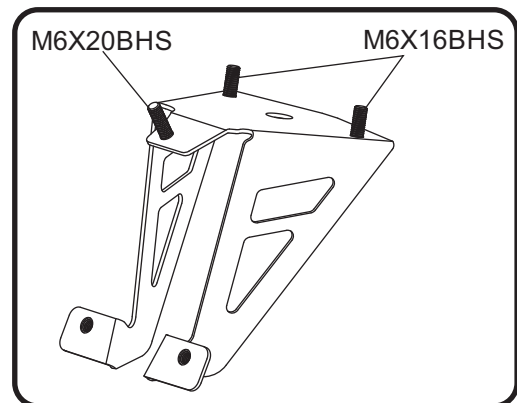


6. Disassemble the stock fender assembly and remove the left and right turn signals.
7. Cut the stock license plate light connector from the stock fender assembly. Cut wires 2-3" from the stock license plate light bulb.

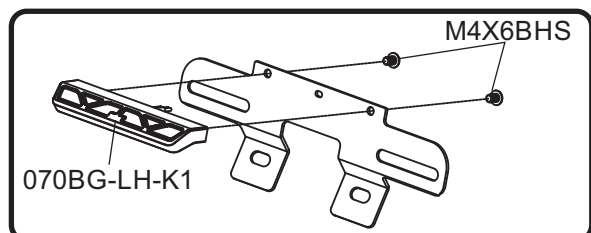
Installation

1. Re-connect white square 4-pin fender sub-harness connector to main harness.
2. Install 19300-FEBKT, fender eliminator bracket to undertail using 6mm bolts and stock fender lock nuts.

Note: Make sure the two fender spacers are removed from the undertail to ensure proper fitment of the fender eliminator bracket.



3. Install 070BG-LH-K1, Yoshimura license plate light onto 070BG-UNV-FEBKT, license plate bracket using M4X6BHS, 4mm button head screws provided in the kit.



4. Connect the Yoshimura license plate light wires to the stock license plate light wires as follows:

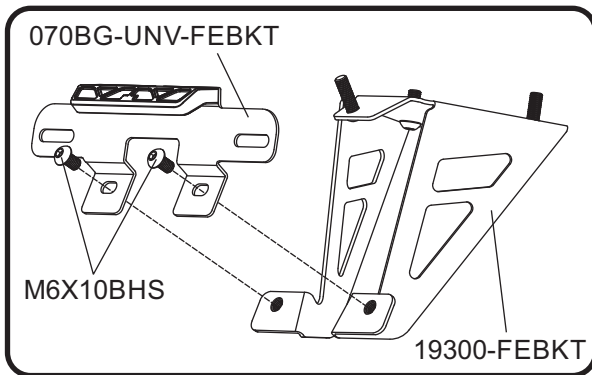
Red -to- Yellow
Black -to- Black

- a) Strip the stock fender light wire ends 1/4" - 1/2" and insert into *BN-SSS-22-18*, solder shrink connectors provided in the kit.
- b) Center the spliced wire ends in the middle and using a heatgun or lighter, apply heat evenly on the outer edges of the solder shrink connector to shrink and hold wires in place.
- c) Making sure that the stripped ends are centered, heat the center of the solder shrink connector evenly until the solder begins to liquify.
- d) Allow to cool completely and tug both ends of the wires to verify that connection is secured.

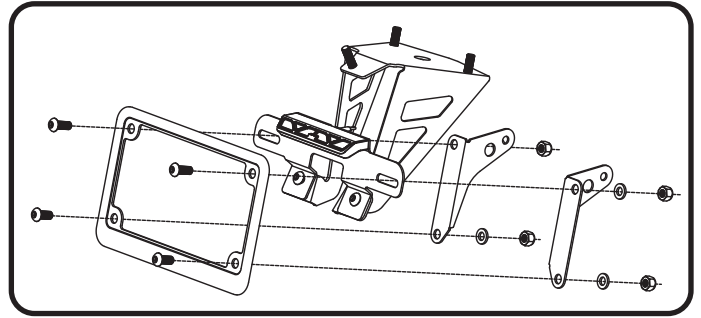
Scan for link to solder shrink connector instruction video.



5. Install *070BG-UNV-FEBKT*, license plate bracket to *19300-FEBKT*, fender eliminator bracket using *M6X10BHS*, 6mm screws.



6. Install left and right turn signals onto *19300-TSB-L/R*, turn signal brackets.
7. Assemble and install *070BG-LPF*, license plate frame and *19300-TSB-L/R*, left and right turn signal brackets to *070BG-UNV-FEBKT*, license plate bracket using *M6X16BHS* & *M6X14BHS*, 6mm button head screws, *6MMWASHER*, 6mm washers and *6MMLN*, 6mm nylon lock nuts as shown.



8. Route license plate light and turn signal wires through hole in fender bracket and through undertail and re-connect.
9. If removed, re-install left and right rear side covers using reverse steps of removal.
10. Re-install passenger seat support plate using reverse steps of removal.
11. Re-install passenger seat and rider seat.
12. Check for proper function of license plate light, turn signals, brake light, and that all brackets and components are secure prior to riding.