



YOSHIMURA

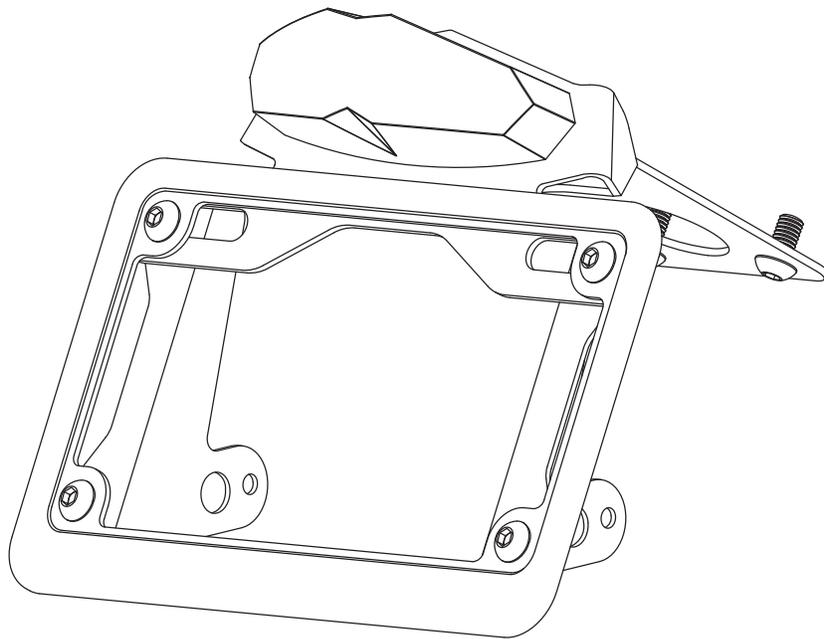
RESEARCH&DEVELOPMENT OF AMERICA, INC.

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FENDER ELIMINATOR KIT

070BG167900
KTM 790 Duke

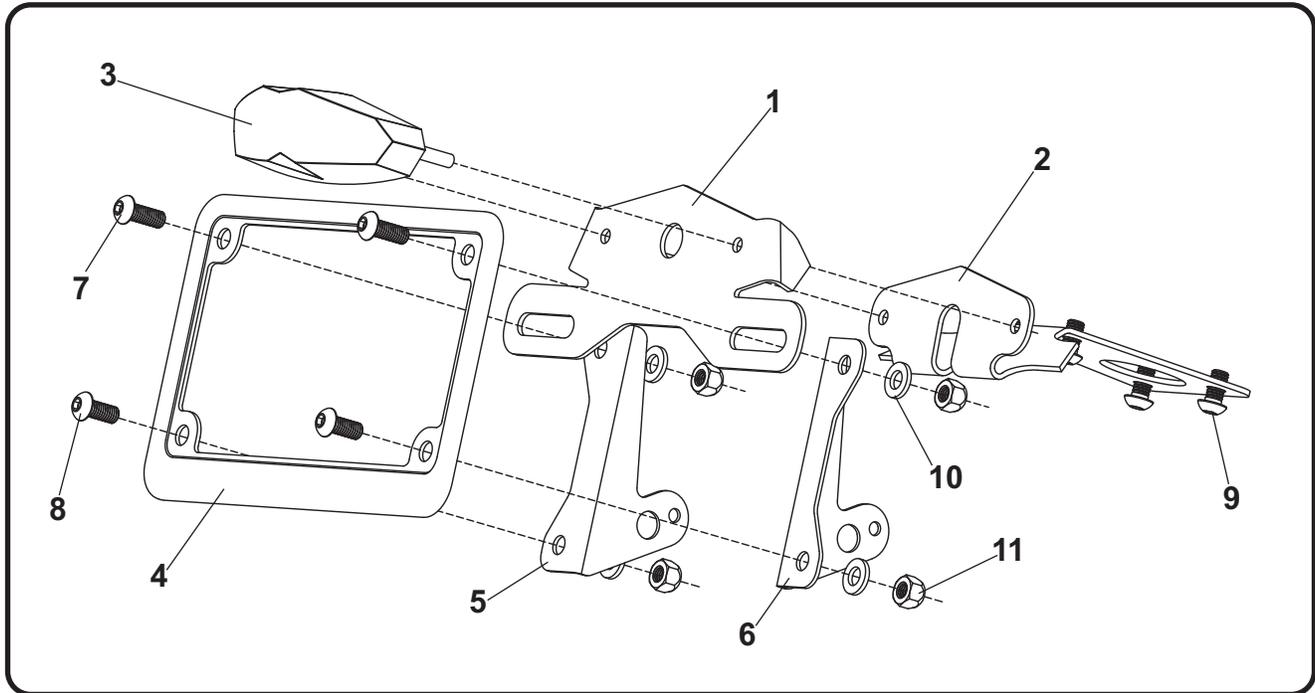


THIS PRODUCT IS NOT DOT APPROVED.

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Assembly Diagram



No.	Item	Description	Qty.
1	16790-FEBKT-1	License Plate Bracket	1
2	16790-FEBKT-2	Fender Eliminator Bracket	1
3	HB025024	Combination Light	1
4	070BG-LPF	License Plate Frame	1
5	16790-TSBKT-L	Left Turn Signal Bracket	1
6	16790-TSBKT-R	Right Turn Signal Bracket	1
7	M6X16BHS	6mm x 16mm Button Head Screw	2
8	M6X14BHS	6mm x 14mm Button Head Screw	2
9	M6X12BHS	6mm x 12mm Button Head Screw	4
10	6MMWASHER	6mm Flat Washer	4
12	6MMLN	6mm Nylon Lock Nut	4
**	BN-SSS-22-18	Butt Connectors	3
**	17100	Yoshimura Sticker Sheet	1
Optional Parts (Sold Separately)			
<i>070BGUNVTBKT</i>		<i>Universal Turn Signal Bracket Kit</i>	
<i>072BGLTSFK</i>		<i>Yoshimura LED Front Turn Signal Kit</i>	
<i>072BGLTSR</i>		<i>Yoshimura LED Rear Turn Signal Kit w/ Relay</i>	

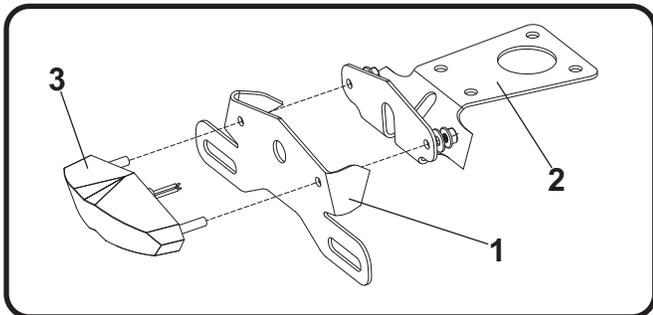
** Not shown on diagram.

Removal

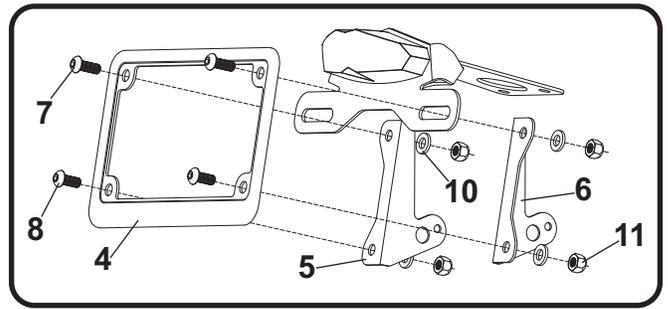
1. Remove passenger seat.
2. Locate and disconnect brake light and turn signal connectors.
3. While supporting the stock fender assembly, remove the four bolts securing the fender assembly to the frame. Carefully remove the stock fender assembly making sure not to damage connectors during removal.
4. Disassemble stock fender assembly and remove left and right turn signals.
5. Cut the stock brake light / license plate light connector from the stock fender assembly. Be sure to cut at least a 6" section of wire from the connector.

Installation

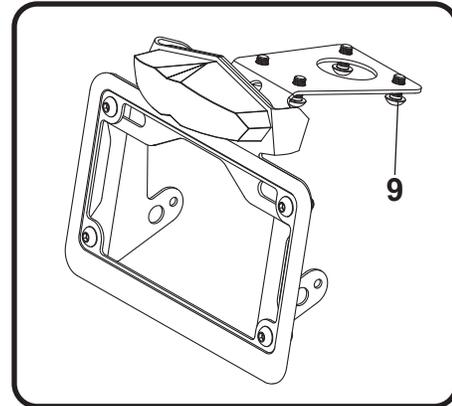
1. Install stock left and right turn signals onto (No. 5,6) *16790-TSBKT-L/R*, left and right turn signal brackets.
2. Assemble and install (No. 3) *HB025024*, combination light onto (No. 1) *16790-FEBKT-1*, license plate bracket and (No. 2) *16790-FEBKT-2*, fender eliminator bracket as shown.



3. Assemble Yoshimura fender eliminator by installing (No. 5,6) *16790-TSBKT-L/R*, left and right turn signal brackets and (No. 4) *070BG-LPF*, license plate frame using the (No. 7,8) *M6X16BHS* and *M6X14BHS*, 6mm button head screws and (No. 10,11) *6MMWASHER*, 6mm washers and *6MMLN*, 6mm lock nuts as shown.



4. Install assembled fender eliminator kit using (No. 9) *M6X12BHS*, 6mm button head screws as shown.



5. Route combination light wire through the hole in bracket and under passenger seat. Using the *BN-SSS-22-18* solder shrink connectors provided in the kit, connect the Yoshimura combination light wires to the stock brake light wires as follows:

White w/ Green Stripe -to- Red (brake switch)
 Yellow -to- Yellow (+)
 Brown -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 butt connector instruction video.



6. Route turn signal wires through hole in bracket and under passenger seat and re-connect. Re-connect stock brake light connector.
7. Re-install passenger seat.
8. Check for proper function of license plate light and turn signals and that all brackets and components are secure prior to riding.