1974
Age and Comfort Since
Handcrafted Style, Slot-E

BMW /6 & /7 Models

Hannigan ST & SS Fairing Mounting Instructions For
Remove the headlight louvers from the motorcycle. Remove the headlight connector from the headlight bowl. Remove the headlight lens/locator. Remove the headlight holder. Save the headlight parts in a safe place.

Remove the ground wire from the battery's negative terminal.

Place your motorcycle on its center stand and tilt it.

REMOVE STEPS:

MOUNT BEFORE PAINTING: Before painting, mount your fairing to your motorcycle to ensure that everything fits.

1. Straight blade screwdriver for attaching brackets to fender.
2. Phillips screwdriver for mirrors and lights.
3. 9 mm wrench for socket for mirrors and lights.
4. 17 mm wrench for attaching brackets to fender.
5. 2 3/4" wrench for socket and nut for attaching brackets to fender.
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WARNING: Installing a higher wattage Headlight bulb may melt your Motorcycle's wiring. This could result in a fire which may result in loss of control. Many a death. Limit Headlight High Beam Warnings to no more than 55 watts. If you install a higher wattage Headlight bulb consult a qualified electrician for proper installation on your Motorcycle.

Loosen the Headlight retaining bolts and push the shell out to the rear of the motorcycle as possible. Tighten bolts.

Attach the second ground wire to the forward stator relay socket head cap and ground with ring lug with anti-corrosive agent ground wire to points that do not see on the left side of the stator housing or other chassis bolt. Do not screw the ground wire to the forward stator relay socket head cap.

Note: The supplied H4 plug is a standard DOT 55-watt low beam and 60-watt high beam unit.

<table>
<thead>
<tr>
<th>Terminal</th>
<th>Wire Color</th>
<th>Number</th>
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</thead>
<tbody>
<tr>
<td>Accessory</td>
<td>Black</td>
<td>1</td>
</tr>
<tr>
<td>Left Signal</td>
<td>Green</td>
<td>6</td>
</tr>
<tr>
<td>Right Signal</td>
<td>Orange</td>
<td>7</td>
</tr>
<tr>
<td>Low Beam</td>
<td>Yellow</td>
<td>8</td>
</tr>
<tr>
<td>High Beam</td>
<td>White</td>
<td>4</td>
</tr>
<tr>
<td>Display Bright</td>
<td>Yellow</td>
<td>5</td>
</tr>
<tr>
<td>Display Dim</td>
<td>Black</td>
<td>2</td>
</tr>
</tbody>
</table>

HANIGAN FARIING TO BMW WRITING CHART

INSTALL ELECTRICAL PIGTAIL:

1. Install LUG BOLT.
2. Slip the wires through the grommet.
3. Push the motorcycle and the plug through the headlight shell into the grommet. Ensure the harness is seated at a time.

Connect the Pigtail to the connector and the Headlight circuit can connect using the color code table. Connect the wire harnesses to the headlight with anti-corrosive, -free adhesive tape. When installing the harness mount, the harness will be mounted under the seat.

Ensure that you can turn the headlight wire with no restrictions before seating. Do not be done as a last resort.

Remove the turn signals and mounting stakes. Or tap on the location roll pins and remove stakes forward. Or beam
INSTALL THE MOUNTING BRACKET:
Open the four stainless hose clamps and remove the nuts from the U-Bolts so they are ready for installation.

Place a bath towel over the front fender. Slip the mounting bracket onto the motorcycle frame to protect the paint.
Place a single layer electrical tape on the motorcycle frame to protect the paint.

Remove the two-supplied remote fuse holders (orange wires) through the grummet in the headlight shell. Find the supplied remote fuse holders (orange wires) through the grummet in the headlight shell. Find the two fuse and their circuit card terminals. Push the wire from terminal 15 & 15U onto the circuit fuse holders into the harness or on chassis so they are accessible and inconspicuous.

Remote Fuses for BMW 16.7
75 ATC/ATO Fuses, BMW Fuse Holders

The remote fuse holders after installing the remote fuses.

WARNING: Failure to remove the OEM fuses from the circuit card will defeat the over current protection the remote fuse holders offer. The fuse holders use 7.5 amp type ATC/ATO fuses. If the OEM fuse terminals 15, 15U or 58 also have wire attached (these are not OEM connections), follow the same steps as for terminal 58U.

Installation of the remote fuses on the headlight. The fuses are removed from the circuit card.

In the BMW fuse holders, the upper fuse is removed and replaced with a 7.5 amp fuse. The lower fuse is then replaced with a 7.5 amp fuse. The remote fuse holders are then installed and secured with the supplied hose clamps.
INSTALL FULL-LOWERS:

Staking all screws tightens the locknuts. Secure each screw with a stainless steel locknut but do not tighten. After installing the mounting bolts and washers, spread the flat washers and locknuts in each hole before installing the lower part of the locknut. Spread the flat washers over the lower side of the locknut before inserting the mounting bolts. Secure the washers around the cylinders and secure.

INSTALL MID-LOWERS:

Mounting brackets and carriage hardware and height as needed. The bolts should be a solid part of the mounting. If the bolt is loose, check the bolt mounting bracket and carriage hardware and height as needed. Spread the lockwasher with the locknut's headlight trim at your own risk. If necessary, begin to compress, plug in the electrical connector. Place the hose clamp at top and go to Step 1. Invert mounting bolt and place the locknut's headlight trim at your own risk. Insert the locknut's into the lower locknut. Tighten the locknut's until the nylon washers are just intake of the eccentric cam. Clip the eccentric cam so it will cut off the eccentric cam length if desired. Tighten the locknut's and U-bolts so they are snug, but do not tighten. Top the mounting bracket for rail 1/4 turn. The distance from the outside of the down lead to the inside of the bracket is equal distance from the eccentric cam. Insert the locknut's into the lower locknut. Tighten the locknut's and U-bolts so they are snug, but do not tighten. Top the mounting bracket for rail 1/4 turn. The distance from the outside of the down lead to the inside of the bracket is equal distance from the eccentric cam. Insert the locknut's into the lower locknut. Tighten the locknut's and U-bolts so they are snug, but do not tighten. Top the mounting bracket for rail 1/4 turn. The distance from the outside of the down lead to the inside of the bracket is equal distance from the eccentric cam.
Note: Symmetry of the Full-Lowers is not perfect due to the front cylinder offset on motor.

Cylinders with opposed cylinder engines does not come loose.

Place a drop of silicone seal on the pointed end of the screw and the L-nut so the screw
lock nuts until the lower is held firmly to the frame. Tighten the center panel screws and
the base proceeding to the next hole. Drill the rear hole close to the motor last. Tighten the
base so the rear panel will be flush with a finish washer and locknut. Drill each hole and insert a screw
and nut. Apply light pressure so you do not break through the plastic. Insert a screw
through the lower's hole into the

in your fitting.

When you are certain the fitting is where you want it, begin tilting the lowers mounting holes
the lowers and frame.

Move the lowers, re-tighten as needed, until you are satisfied with the symmetry and look of

the lowers and frame.

2. The spark plug cap should be centered in the lowers opening.

3. The exhaust header should have uniform clearance from the lower.

1. Clearance with the cylinder heads should be even top and bottom.

Check symmetry by measuring the distance the lower edges from the tab...

Correct position. Tape the lowers to the framing.

With a helper on one side of the motorcycle raise the lowers until it is under

With the upper edges of the lower to hold, it is the framing when raised into the

After In threaded the left and right lowers through the exhaust pipe, assemble the

Place a blanket on the floor under your motorcycle to protect the lowers.
ASSEMBLE THE REST OF THE FAGING:

- Install the supplied #8 nylon machine screw, washer and locknut and tighten.
- Position faging on the next step.
- Adjust the mirror stack forward. Install a #8 black nylon machine screw and nut to hold the faging in place.

WARNING: Restricted Handrail movement or interference in the free movement of the handlebars. Contact your local dealer or authorized retailer for assistance.

NOTE: Occasionally the mirror lower joint may become loose. Remove the mirror from the faging and install it in a new position by tightening the nut to the center of the mirror. Replace the attached mirror using the screws and tighten the screws with finging washers and tighten the locknuts on the Classic Open-loop Lowers.

INSTALL MIRRORS AND HAND-FRINGES:

- For a clear view of the passengers, install the mirrors to your preference. Secure the mirrors in place using the screws provided.
- Clean the dust from the inside of the frame and the handlebars for a clean, tidy appearance.
WINDSHIELD SPOILER INSTALLATION:

1. Lay the windshield with the wiper or wiper arm on the clear display of the windshield to ensure good adhesion.
2. Clean the windshield with warm soap water or window cleaner. The windshield must be dry.
3. Slide the windshield into the winged hole inside the winged holder. Once positioned, tighten the screws in the windshield to the desired position inside the winged holder.
4. Install the windshield on the bike with the screws in the winged holder. The windshield must be dry.
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Scarcities and dull or worn areas in the spoiler, windshield, gel-coat, and paint can usually be restored. Sand deep scratches by gently wet sand.

Restoring Urethane:

Gel-coat's lower by power buffing with 3000 grit buffing compound. Wearing of polishing with petrolem distillate products is prohibited. For the first four months of your painting life, every decade or so restore the windshield or gel coat.

Cleaning:

Clean your windshield and spoiler with a mild detergent and lots of water. Use a clean all-cotton cloth.

Faring Maintenance:

Ride at low speeds in low traffic density areas until you become familiar with the feel of the motorcycle. Ride at low speeds in low traffic density areas until you become familiar with the feel of the motorcycle.

First Ride:

Ride slowly and smoothly, and do not take any sharp turns.

Test Ride:

During a general pre-ride inspection on the motorcycle, be sure to check the following:

- Engine:
- Brakes:
- Lights:
- Tires:
- Fluids:

Check all fasteners. Lochnuts must secure at least one full thread extending beyond the head on the nut.

Warung:

Keep the motorcycle's hardware tight. Check the windshield, rearview mirrors, and all other hardware with every ride.

Fairing Inspection:

Look for loose fasteners with no gap at the beginning of each ride.

Warning:

With carburetor's choke, turn the choke on the windfinder to the windshield. Turn the choke on the windfinder to the windshield.
The headlight connector pack on the bulkhead pressfittings is retrofitted to ensure complete engagement.

When removing the headlight pack, check the headlight connector for corrosion and clean and repair all electrical connections as necessary. Push the headlight connector back into the bulkhead and install the rubber seals on the headlight pack. Tighten the headlight pack to the headlight housing with the rubber seals carefully aligned. Insert the bulkhead back into place and install the headlight pack into the bulkhead.

Clean the replacement bulkhead with denatured alcohol to remove all residue from the glass and only handle the bulkhead with a clean paper towel so your skin does not come in contact with it.

Do not drink the alcohol.

Prep a replacement pack to slide into place."

WARNING: Wear safety glasses and gloves.

Headlight Bulb Replacement:

Two headlight bulbs inside the housing. Pull the bulb with care to avoid damage and injury. Wear gloves to avoid cuts from glass. Handle the headlight bulbs carefully to avoid high speed shards causing injury and blind.

WARNING: Wearing safety glasses and gloves.

Headlight Bulb Change:

Wear safety glasses and gloves.

Check Headlight Bulb Replacement:

Correct the following:

Operate the motorcycle with loose rain dust or debris on the vehicle. Loss of control can cause injury or death. Tighten loose fasteners before riding.

WARNING: Operating the motorcycle with loose rain dust or debris on the vehicle. Loss of control can cause injury or death. Tighten loose fasteners before riding.

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HANNIGAN WIRING CHART

FAIRING SIDE

LARGE RED - TO HEADLIGHT YELLOW
LARGE WHITE - TO HEADLIGHT WHITE
LARGE BLACK - PRIMARY GROUND
BLUE - RIGHT SIDE TURN
GREEN - LEFT SIDE TURN
BROWN - RUNNING LIGHT / HEADLIGHT
GREY - "12V HOT" FAIRING
YELLOW - FAIRING SIDE
HARNESS SIDE - FAIRING SIDE

BIKE SIDE

RED TO YELLOW
WHITE TO WHITE
BLACK TO BROWN
BLUE TO BLUE / BLACK STRIPE
GREEN TO BLUE / RED STRIPE
BROWN TO GREY / BLACK STRIPE
GREY TO " " " "
YELLOW TO YELLOW RED
HARNESS SIDE - HEADLIGHT BUCKET SIDE