

Part Number: BMW-R18-FAIR

Description: Touring Fairing

Fitment: 2021 BMW R 18

Revision: 3



Tools Required	Parts List
Ratchet Wrench with T55, T40 and T30 Sockets 14mm, 13mm and 7mm Combination Wrench 5mm and 3mm Allen Wrench Needle Nose Pliers Wire Cutters / Strippers Soldering Iron Heat Gun or Lighter	1 #A01315 BMW-R18-FAIR Bracket 4 #SP00914 8m x 40m x 1.25 Cap Allen Bolts 2 #SP00282 8m x 25m x 1.25 Cap Allen Bolts 2 #SP00974 6m x 15m Button Head Allen Bolts 6 #SP00215 8m Flat Washers 2 #SP00272 6m Small Washers 6 #SP00297 8m Lock Washers 2 #SP00285 6m Lock Washers 2 Turn Signal Extensions 2 #SP01266 24" Small Shrink Tubing 2 #SP01953 30" Mid Shrink Tubing 2 8" Zip Ties 8 4" Zip Ties 1 Stereo Harness (49" Long)

NOTE: It is best if the motorcycle is on a lift or motorcycle jack held upright with the front wheel pointed straight ahead.

1. You will need to realign your headlight after transferring it to the Corbin fairing bracket. To do this, we simply turned it on and marked a spot on the wall where it was centered. Once installed on the Corbin bracket we simply aimed it back to this spot.



FIG 1



FIG 2

2. Remove the two headlight mounting bolts, using a T40 and 13mm wrench (*Figures 1 & 2*).



FIG 3

3. Unplug headlight (*Figure 3*)

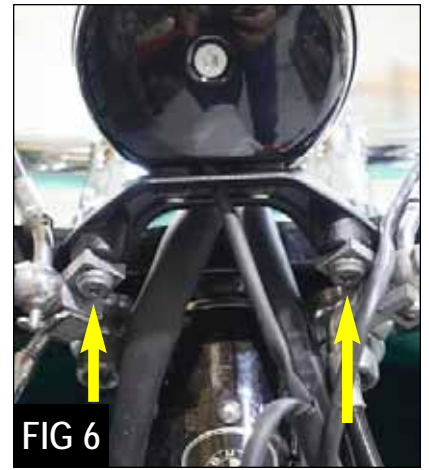
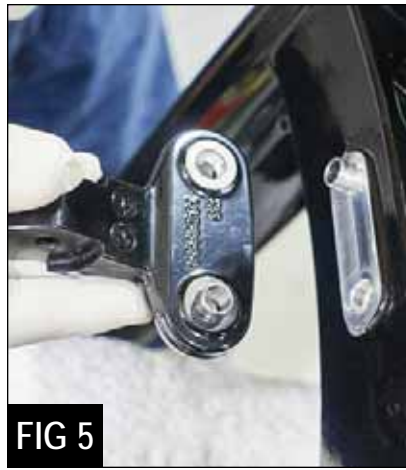


FIG 4

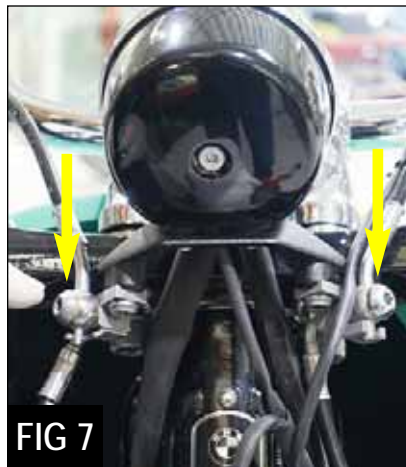
4. Remove the two bolts on the headlight mounting bracket, using a T40 wrench (*Figure 4*).

5. If spacers are stuck in the triple clamp (*Figure 5*), remove with needle nose pliers. You will not be reusing the spacers.

6. Temporarily remove the hydraulic lines from the top triple clamp (Figure 6). **DO NOT REMOVE THE BOLTS IN THE BANJO (FIGURE 7)**. Remove the upward facing bolt in the mounting block **ONLY**, using a T30 wrench.



7. Tape up the bracket to prevent scratching. Tape up the fork tubes and tape brake lines to the side and out of the way (Figure 8).



8. Wrap some cardboard or padding around the down tube to protect it from getting chipped by the tools in the next step.

9. Place a blanket or padding over your tank (Figure 9) and get someone to hold the handlebars for you. Remove the two riser bolts from under the triple clamp, using a T55 wrench (Figure 10). These bolts are very difficult to remove as they have thread lock applied at the factory. Be careful not to lose the spacers in the triple clamp as they may fall out.



10. Add supplied washers to the bottom of the risers. The easiest way to hold them in place is with a single drop of crazy glue or similar (Figure 11).



11. Position Corbin bracket onto triple clamp and hold in place with two supplied 8m x 25m x 1.25 Cap Allen Bolts, 8m flat washers and 8m lock washers at the bottom where the headlight bracket used to be (Figure 12). Only hand tight at first. Add Loctite or similar to the original riser bolts and reinstall handlebar risers. Tighten securely. Approximately 50 ft lbs. Tighten bottom bolts securely.

11. Remove all tape and padding. Reinstall hydraulic lines to original position and tighten securely.

12. Plug in headlight and install it onto Corbin bracket reusing the original bolts (*Figure 13*). Adjust headlight to correct angle.



FIG 13

13. Unplug turn signals (*Figure 14*).

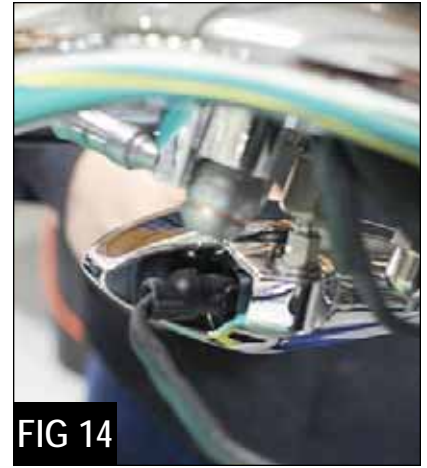


FIG 14

14. Cut turn signal wire approximately 2.5" from where it exits handlebar (*Figure 15*). This will leave approximately 1.5" on the plug side.

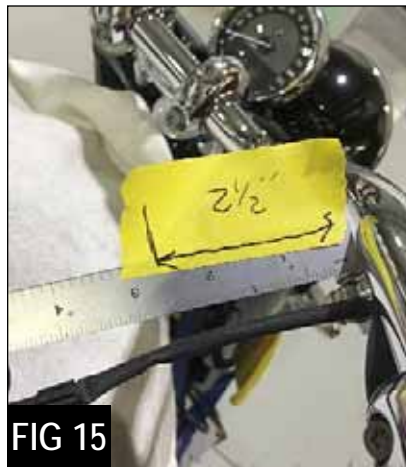


FIG 15

15. Solder in the supplied 24" extension wires for the turn signals:



FIG 16

- a. Strip approximately 3/8" from the cut ends.
- b. Slide a section of large shrink tubing onto extension.
- c. Slide a section of small shrink tubing onto each wire to be joined.
- d. Solder extension onto wiring from handlebar (*Figure 16*).
- e. Slide small shrink tubing into place and shrink with heat gun or lighter.
- f. Slide large shrink tubing over the soldered area and shrink (*Figures 17 & 18*).
- g. Repeat on the other side with the plug.

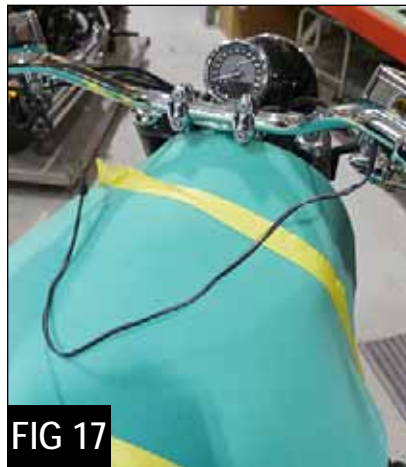


FIG 17

16. Remove the turn signal from the controls, using a T30 wrench (*Figure 19*).



FIG 18

17. Move the turn signals to the Corbin bracket and secure with included 6m x 15m Button Head Allen Bolts, 6m small washers and 6m lock washers (*Figure 20*). Loosen the lock nut and adjust signals to line up with each other, using a 14mm and 7mm wrench (*Figure 21*). Put original bolt back into place on the handlebar controls.



FIG 19

18. Route the extended turn signal wires down to the turn signals (*Figure 22*) and attach to brake/clutch lines with zip ties (*Figure 23*).



FIG 20

19. If Audio: Run the provided cable starting from the accessory jack near the transmission reverse lever (*Figure 24*). Zip tie to existing harness up and under the tank to the front of the bike (*Figure 25*). It's a little difficult around the center of the tank, but make sure it won't be able to slip down and rest on the hot motor. Route up to the center of the Corbin fairing bracket (*Figure 26*).



FIG 21



FIG 22

20. With help, install the fairing by aligning the mounting points on the fairing to the mounting points on the brackets (*Figure 27*), plug in power connectors and then secure using the supplied 8mm x 40mm x 1.25 Cap Allen Bolts, 8mm flat washers and 8mm lock washers in each of the four positions (*Figure 28*). **DO NOT** use Loctite®. Tighten to 3.5 ft. lbs.



FIG 23



FIG 24

NOTE: Make sure the stereo wire isn't pinched before securing and tightening the bolts.

21. Check headlight and turn signals for proper operation.

Enjoy



FIG 25



FIG 26



FIG 27



FIG 28

Questions? Give us a holler...
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