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Suzuki Hayabusa (99-24) Lowered Bar Mount Handlebar Assembly Instructions

Engineered to lower your front end, maintain the OEM handlebar location, and preserve your factory key switch.

Check Package Contents:

P/N: 240515 Package Contents Include:

1. One (1) Left-side Handlebar Assembly
2. One (1) Right-side Handlebar Assembly
3. Two (2) Replacement Bar End Mounting Screws

If your package contents differ, please contact Brock's Performance at 937-912-0054.

Tools Required:

- Ratchet
- T-10 Torx Socket
- Phillips Head Screw Driver
- 10mm Allen Socket
- 8mm Allen Socket
- 6mm Allen Socket
- 5mm Allen Socket
- Torque Wrench

For additional installation support please refer to the OEM service manual.

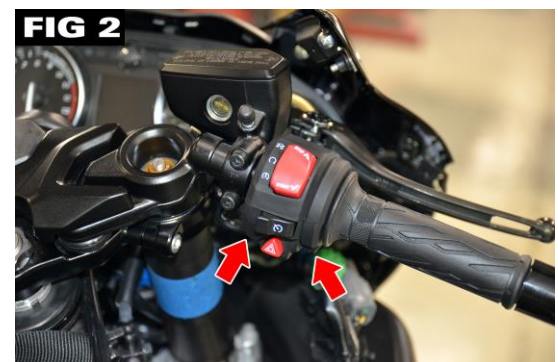
1. Remove side cowling assemblies.
2. Remove tank cover (recommended for additional clearance).
3. Remove dash panel (recommended for additional clearance).
4. Remove windscreen (recommended for additional clearance).
5. On right-side handlebar, disconnect right handle switch lead wire coupler (Figure 1).
6. Remove Phillips head screws (x2) from underside of right handle switch and open unit to gain access to throttle cables (Figure 2).
7. Loosen throttle cable adjuster (Figure 3).
8. Remove throttle cables from throttle tube (Figure 4).
9. Carefully remove and rest right handle switch out of the way.
10. Remove right-side bar end (10mm Allen Socket) and remove throttle tube (Figure 5).
11. Remove brake lever mounting screws (x2) (5mm Allen Socket) and carefully rest out of the way (Figure 6).

Note: Do not allow brake fluid reservoir to be flipped upside down.

12. Move to left side of bike and disconnect left switch lead wire coupler (Figure 7).

Note: Make note of orientation, top wire has white stripe.

13. Remove Phillips head screws (x2) from underside of left handle switch (Figure 8).
14. Carefully remove and rest left handle switch out of the way.



15. Remove clutch lever mounting screws (x2) (5mm Allen Socket) and carefully rest out of the way (Figure 9).
16. Remove left-side bar end (10mm Allen Socket) and remove hand grip (Figure 10).
17. Remove mounting screws (x4) on underside of top clamp (8mm Allen Socket), moving handlebars as needed for clearance/access to screws (Figure 11).

Note: Take care when turning handlebars as not to crush hanging handle switches/levers and reservoirs between fork tubes and bodywork/frame.

Note: Be sure to catch bottom bushings as you remove each screw.

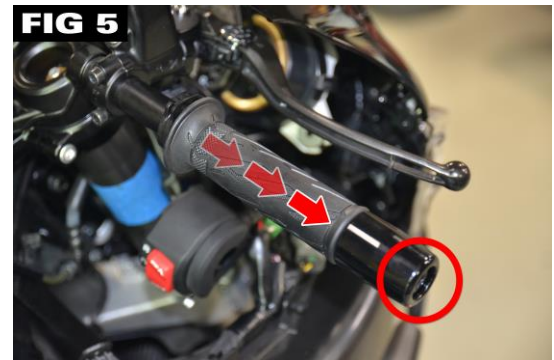
18. Remove handlebar holder from bike.

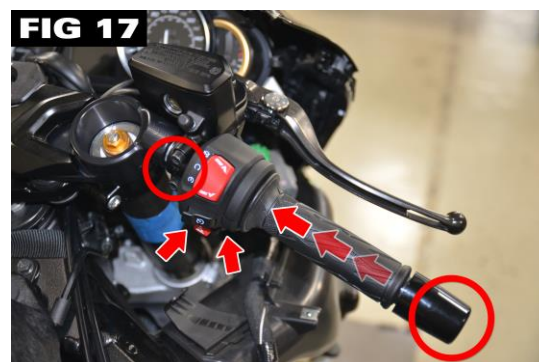
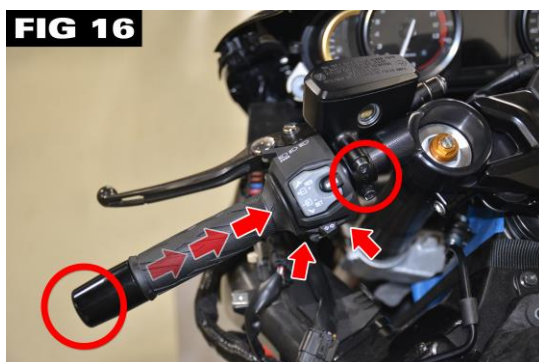
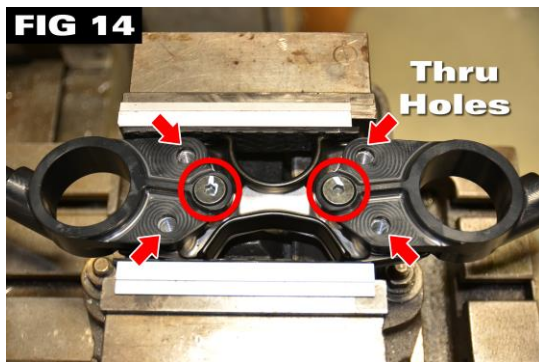
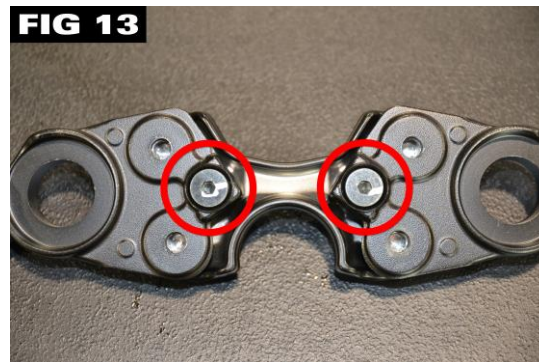
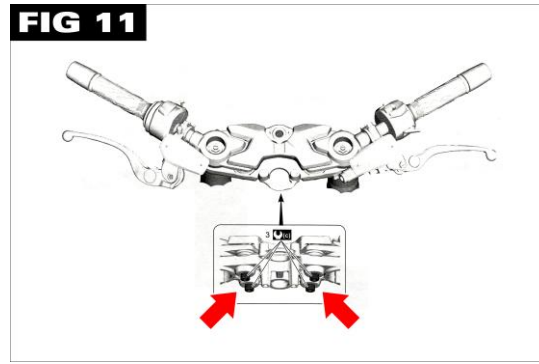
Note: Be sure that the four upper bushings remain in place.

19. Discard two handlebar cushions; they will not be reused (Figure 12).
20. Remove screws (x2) securing handlebars to the handlebar holder (6mm Allen Socket). It may be necessary to apply heat as these screws are factory thread locked (Figure 13).
21. Clean up the threads of these two screws using a wire brush.
22. Using OEM hardware install new lowered handlebar mount assembly to the handlebar holder. Apply a small amount of blue Loctite to the threads and torque to 17 ft-lb (23 N-m) (Figure 14).

Note: We recommend using a table vise & soft jaws to ensure proper torque. Verify thru hole alignment before tightening (Figure 14).

23. Using OEM hardware reinstall handlebar holder back onto upper triple tree. Apply a small amount of blue Loctite to the threads and torque to 17 ft-lb (23 N-m) (Figure 15).
24. Reinstall left handle switch and torque to 27 in-lb (3 N-m) (Figure 16).
25. Reinstall clutch lever and torque to 84 in-lb (9.5 N-m) (Figure 16).
26. Reconnect left switch lead wire coupler in proper orientation.
27. Reinstall left hand grip using a small amount of grip glue to hold grip in place (Figure 16).
28. Reinstall left-side bar end using the supplied hardware (OEM hardware will not be reused) and torque to 17 ft-lb (23 N-m) (Figure 16).
29. Move to right side of bike and slide throttle tube onto handlebar. Reinstall right-side bar end using the supplied hardware (OEM hardware will not be reused) and torque to 17 ft-lb (23 N-m) (Figure 17).
30. Reinstall the right handle switch, reconnect throttle cables, and torque to 27 in-lb (3 N-m) (Figure 17).
31. Adjust throttle cable according to service manual.
32. Reinstall brake lever and torque to 84 in-lb (9.5 N-m) (Figure 17).
33. Reconnect right handle switch lead wire coupler.
34. Reinstall windscreen.
35. Reinstall dash panel.
36. Reinstall tank cover.
37. Reinstall side cowling assemblies.





CONGRATULATIONS! INSTALLATION IS COMPLETE.

ALL BROCK'S PERFORMANCE PRODUCTS ARE DESIGNED FOR CLOSED-COURSE RACETRACK USE ONLY!

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