

INSTALLATION INSTRUCTIONS

DRAG SPECIALTIES F/C RELOCATION KIT FOR DYNA P/N 1622-0497

ATTENTION INSTALLER (if other than owner): Please forward this Instruction Sheet to the purchaser of this product. These instructions contain valuable information to the end user.

INTRODUCTION: These instructions describe the procedure for properly installing the forward control relocation kit for 91-15 FXD models with forward controls. This kit moves the controls 1" to the rear.

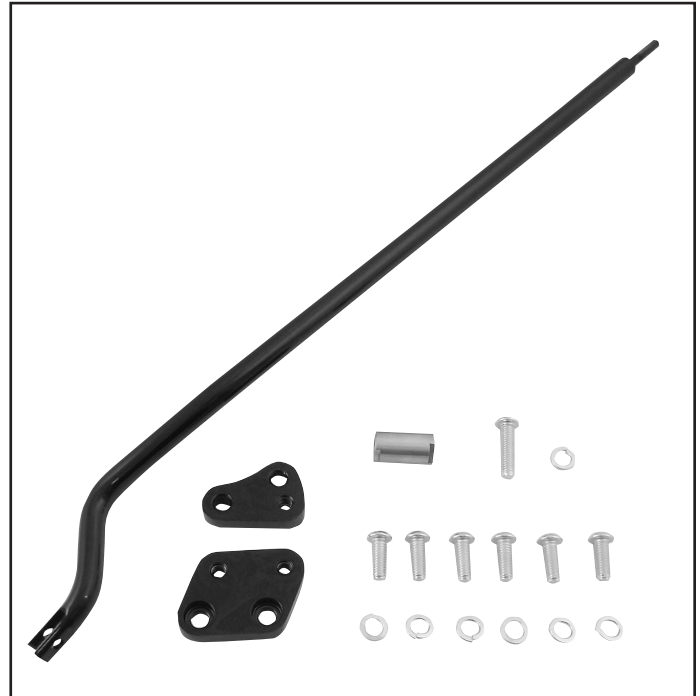
Review these instructions carefully before beginning, as they contain important information. Please retain for future reference.

Particularly important information is distinguished in these instructions by the following notations:

NOTE: A NOTE provides key information to make procedures easier or clearer.

CAUTION: A CAUTION indicates special procedures that must be followed to avoid damage to the motorcycle and/or accessories.

WARNING! A WARNING indicates special procedures that must be followed to avoid injury to a motorcycle operator or person inspecting or repairing the motorcycle.



PROCEDURE:

Shifter side:

1. Disconnect the battery cables, negative (-) cable first.
2. Remove the two fasteners from the left-side footrest bracket, leaving the shifter lever assembly, linkage and footpeg attached. Discard fasteners.

NOTE: See Figure 1. The reduced reach plate (1) is installed between the shifter bracket and frame.

3. Position the reduced reach plate (1) on the frame where the shifter bracket was mounted with the tapped holes toward the rear and the counter bores facing out. Secure using two new screws (2) and tighten to 30-35 ft.-lbs.
4. Install the shifter bracket onto the reduced reach plate using two new screws (2). Tighten to 30-35 ft.-lbs.
5. Adjust foot shift lever for rider comfort. Tighten pinch bolt to 18-22 ft.-lbs.

NOTE: After all shifter components are installed, move shifter through entire range of motion and check for interference with other components. The length of shift rod can be adjusted for clearance to primary case.

BRAKE PEDAL SIDE

1. Remove the right side rider footrest from the mount clevis. Retain the footrest and hardware for installation.
2. See Figure 1. Loosen the brake rod jam nut (D) at the rear brake master cylinder.

NOTE: Use the flats on the push rod (E) to remove the brake rod from the master cylinder.

3. Rotate the master cylinder push rod to remove the original brake rod.
 4. Remove jam nut and retain for installation. Discard the original brake rod.
 5. Remove the two fasteners from the right-side footrest bracket.
 6. Remove footrest clevis (B) and brake pedal pivot shaft (4). Discard pivot shaft and retain clevis and screw (C) for assembly.
- NOTE:** The reduced reach plate (3) is installed between the brake pedal bracket (A) and frame.
7. Position the reduced reach plate (3) on the frame with the tapped hole toward the front and the counter bores facing out. Secure using screw (2) in the lower hole and align the upper hole with the threaded hole in the frame. Tighten to 30-35 ft.-lbs.
 8. Fasten the brake pedal bracket (A) to the frame and reduced reach plate using screws (2 and 5). Tighten the screws to 30-35 ft.-lbs.
 9. Coat the new brake pedal pivot shaft (4) with Loctite Anti-Seize.
 10. Fasten the new brake pedal pivot shaft (4), brake pedal and footrest mount clevis (B) to the brake pedal bracket (A) using the long Torx screw (C). Tighten the screw to 32-35 ft.-lbs.
 11. Install the jam nut (D) all the way onto the new brake rod (6).
- CAUTION:** When adjusting brake control rod, never allow more than nine threads to be exposed between control rod and jam nut. If more than nine threads are exposed, brake rod can come apart.
12. Turn the master cylinder push rod onto the brake rod until about half the threads are used.



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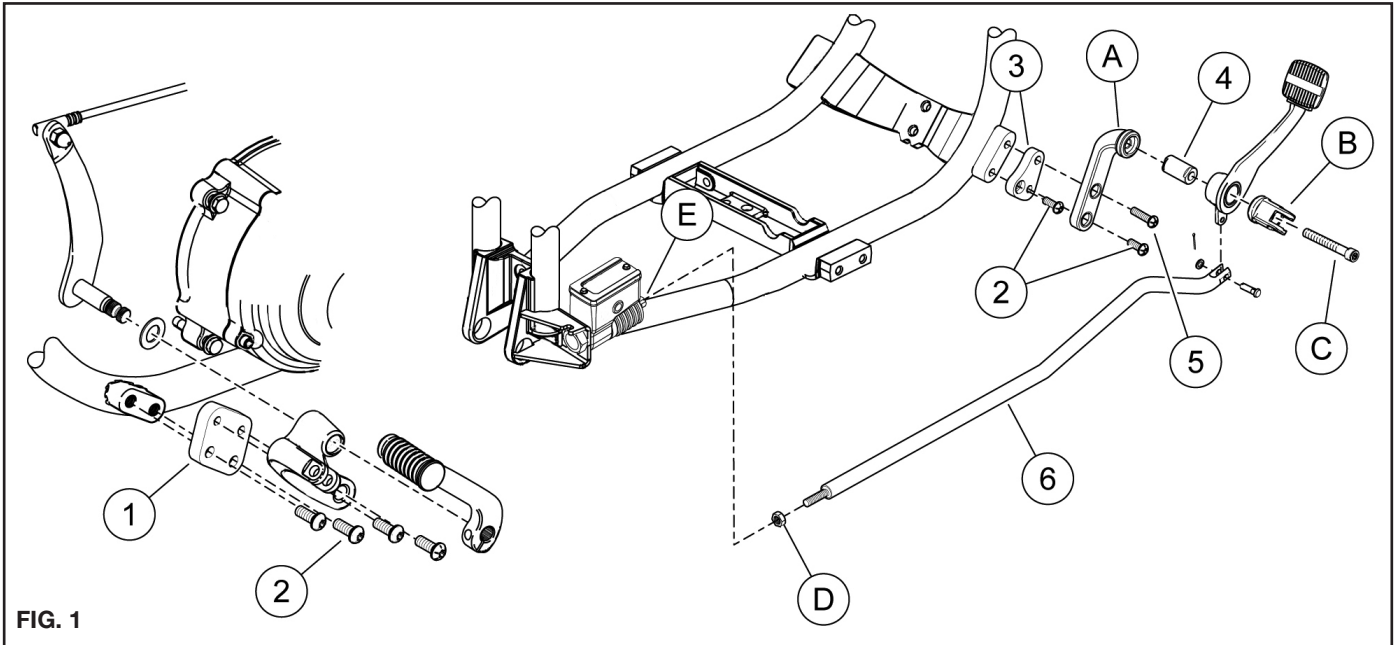


TABLE 1

Item	Description (Quantity)
1	Plate, reduced reach, left
2	Torx screw, 3/8-16 x 1.0 in. (6)
3	Plate, reduced reach, right
4	Brake pedal pivot shaft
5	Torx screw, 3/8-16 x 1.5 in.
6	Brake rod
Items not included in kit:	
A	Brake pedal bracket
B	Footrest mount clevis
C	Torx screw, 3/8-16 x 2-3/4 in.
D	Jam nut
E	Master cylinder push rod

13. Connect the brake rod (6) to the brake pedal using the original clevis pin, washer and cotter pin. Bend the legs of the cotter pin around the clevis pin shaft.
14. Verify that the water drain hole in the rubber boot (covering the brake rod) is on the bottom of the rubber boot.
15. Turn the push rod on the brake rod until the brake pedal is elevated to an effective rider angle, and using at least half the threads available on the brake rod. Tighten the jam nut against the master cylinder push rod.

16. Fasten the original footrest to the footrest mount clevis (B) using the original fasteners.

NOTE: After all brake components are installed, move brake pedal through entire range of motion and check for interference with other components. The length of the brake rod can be adjusted for clearance to the exhaust system if needed.

17. Connect the battery cables, positive (+) cable first.
18. Test brakes for proper operation before riding vehicle.

WARNING!: Before operating motorcycle, be sure all hardware is tight.

