

INSTALLATION INSTRUCTIONS

DRAG SPECIALTIES SPRING SOLO MOUNTING KIT FOR 58-84 FX, FXWG, FL AND FLH MODELS

ATTENTION INSTALLER (if other than owner):

Please forward this instruction sheet to the purchaser of this product. These instructions contain valuable information necessary to the end user.

INTRODUCTION: These instructions describe the procedure for properly installing a Drag Specialties Spring Solo mount kit onto 58-84 FX, FXWG, FL and FLH models.

Review 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:

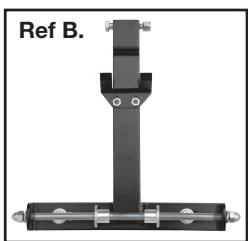
1. Begin by placing bike on side stand.
2. Remove the stock seat from the bike.

INSTALLING SEAT MOUNT

NOTE: If your frame has 1" frame plugs on the frame cross tube behind the oil tank, remove at this time. There will be one on each side. Ref A.



3. Remove the two hair pins, acorn nuts, lock washers, 3/8" threaded rod and the aluminum step spacers from the mount assembly. Ref B.



4. The spring mount studs are placed in the inside holes for 6" spacing (small solos). If you are using a large solo, place the studs in the outside holes for 7" spacing. Tighten at this time.

NOTE: Temporarily place the hair pin or small shaft in the upper hole of stud while tightening nut. In addition to the Nylock nut, thread locker is recommended.

5. Loosen the front bracket on the seat mount. Install one step spacer into each end of the frame cross tube behind the oil tank. Place the seat mount over the motorcycle, positioning the front mount under the frame while aligning the side 3/8" holes over the step spacers. Install 3/8" threaded rod through side mounts and spacers.



6. With the front bracket on the seat mount loose, slide bracket forward making sure the fingers of the bracket are secure under the frame. Tighten the two 1/4" button head screws at this time. No up or down movement should be present after installation.

NOTE: This is a one-time adjustment. The mount assembly will slide off and on when the 3/8" rod is removed. To tighten the front mount securely, it may be necessary to remove mount, tighten and reinstall.

NOTE: On 82-84 models with the stamped frame section under the seat, it may be necessary to slightly bend the front mount tabs downward to secure the frame correctly.

7. Install lock washers and acorn nuts on the 3/8" rod and tighten.

NOTE: It is recommended to use a removable thread locker on the acorn nuts.

INSTALLING YOUR SPRING SOLO

NOTE: If mounting the small solo (13" L x 10" W), order bracket Part #DS-902013 to complete installation. The original large bracket will require significant spacing and modifications. Part #DS-902013 is included on all large Drag Specialties spring solos.

8. Loosen the front seat bracket so it slides with some resistance. Remove the two rear hex nuts and washers.

9. Remove the 3/8" hinge bolt from the seat mount. Install seat and slide the bolt through the hinge. Do not install the nut at this time. Slide the seat fore or aft aligning the two rear seat studs with the two spring studs on the mount. Ref C.
Remove seat, tighten front hinge to seat base.



10. Install rear seat springs at this time. Turn your seat over and lay on a soft surface. Install fender washer, spring, flat washer, lock washer and hex nut onto rear seat studs.

NOTE: Align and turn springs so they are parallel and leaning in the same direction. Use a thin 1/2" wrench and tighten.



11. Install your seat holding the back up off the studs while installing the 3/8" hinge bolt. With the hinge bolt in place, flex the springs to align and slip over the lower mount studs.

WARNING!: Inspect all studs for correct length, considering compression and distance of travel. If there appears to be any interference of travel, remove springs, trim studs and reinstall.

12. With seat installed and springs aligned over studs, secure front hinge bolt with the 3/8" Nyloc hex nut previously removed and tighten securely.

13. Install the two hair pins and review all procedures before riding.

