

Bigfoot™

Motor mount spring installation

The spring you have just received, is a new updated spring that can be easily installed by anyone with limited tools. This spring is a torsion spring, it loads the motor mount plate and is held loaded by the frame.

Things you will need to install the spring:

- 1 ea. # 2 phillips screw driver
- 2 ea, 9/16 box or open end wrenches or adjustable open ends.
- 1 ea. Present or adjustable open end wrench
- 1 ea. Blue LocTite™ or similar tread locking agent
- 1 ea. Channel or straight pull pliers
- 1 ea. A smile

1. Remove the rear wheel. (Fig 1)
2. Using a #2 Phillips screwdriver, remove the four screws holding the Motor to the motor mount. Place motor on deck.
3. Remove engine mount bolts (for ea.) and extract engine mount. Remove the bevel washers and be careful not to mix them up. (Fig 2)
4. Install new spring with bent end, facing motor mount but not on motor mount, and the loops over the motor mount pivot post. (fig 3)
5. Reinstall washers Note: make sure they face each other in this fashion [()]
6. Reinstall bolts and washers to light snug fit.
7. Using pliers, bend the spring (three-bend side) backwards, and over the square front of the motor mount. (fig 4, fig 5)
8. Reinstall engine with screws using blue LocTite™. To 110 in. Lbs. Of torque or as tight as possible with out stripping the screw heads. Install rear wheel.
9. Check the clutch adjustment by putting the lift lever in the fully up position, and adjusting the clutch cable at frame adjuster so that the motor drive spindle is $\frac{1}{4}$ in. above the rear wheel.
10. Smile your done. Happy Pedding.

Fig 1



Fig 2



Fig3



Fig 4



Fig 5

