



## FORD F53 QUAD SHOCK INSTRUCTIONS

20k to 22k

**Tools needed:** 1 1/8" end wrench

1 1/8" socket

1/2" ratchet or air gun

**Parts needed front (SS2022F):**

- (1) B984 left lower shock bracket
- (1) B987 left lower backing plate
- (1) B953 left upper plate
- (2) 6.5" long x 3/4" UNC thread bolt grade 8
- (1) 8" long x 3/4" UNC thread bolt grade 8
- (1) 3.5" long x 3/4" UNC thread bolt grade 8
- (1) 10" long x 3/4" UNC thread bolt, grade 8.
- (1) 7" long x 3/4" UNC thread bolt, grade 8.
- (1) 5.5" long x 3/4" UNC thread bolt grade 8
- (1) 4.5" long x 3/4" UNC thread bolt grade 8
- (3) 3/4" ID x 1.25" long spacers.
- (2) 3/4" ID x 3/4" long spacers
- (8) 3/4" UNC lock nuts
- (14) 3/4" flat washers

**Parts needed rear (SS2022R):**

- (4) 7" x 3/4" UNC thread bolt, grade 8.
- (4) 3/4" ID x 1.25" long spacers.
- (4) 3/4" UNC lock nuts
- (4) 3/4" flat washers

Note: When removing shocks, retain washers in case extra spacing is needed.

Note: When installing front shocks it is easier if you turn the front tire so you have more room to work.



## FORD F53 QUAD SHOCK INSTRUCTIONS

### FRONT SHOCK INSTRUCTIONS:

- 1- Park on flat surface and chock wheels.
- 2- Start with passenger side
- 3- Take top bolt out of front shock and dispose of bolt only.
- 4- Take bottom bolt out.
- 5- Prepare two new shocks for assembly.
- 6- Assemble in this order on top of shock, install new 7" bolt, washer into shock then  $\frac{3}{4}$ " x 1.25" spacer, 2<sup>nd</sup> shock eyelet and washer then through mount with washer and nut.
- 7- Assemble in this order on bottom of shock, 10" bolt, washer, 1<sup>st</sup>. bottom shock eyelet,  $\frac{3}{4}$ " x 1.25" spacer, 2<sup>nd</sup>. bottom shock eyelet and washer, then through mount with washer and nut
- 8- Take assembly and hang from top shock bolt on top mount, add washer and start nut, do not tighten yet.
- 9- Pull down on shocks until you can feed bottom bolt through bottom mount on leaf spring, add nut and tighten top and bottom bolts, torque to 120 ft. lbs.
- 10- Driver side.
- 11- Remove existing shock and unbolt the upper shock bracket from the frame.
- 12- Place the new upper plate B953 between the frame and upper shock mount reuse bolts. The top hole on the new B953 should be towards the rear of coach with angle cut forward. Tighten bolts
- 13- 150 to 180 ft. lbs.
- 14- Install lower shock bracket B984 with two 6.5" bolts and B987 backing plate towards the front of coach. One bolt will be above the leaf spring and one below, then align the middle bolt hole on the B984 with the existing lower shock mount. Install one new shock 5.5" bolt to original top mounting with  $\frac{3}{4}$ " x  $\frac{3}{4}$ " spacer, washer, nut. Attach shock at bottom using 8" bolt, flat washers, through the bracket, then  $\frac{3}{4}$ " x  $\frac{3}{4}$ " spacer, then through original lower shock mount, washer and nut. Tighten all lower bracket bolts and forward shock bolts 120ft lbs.
- 15- Mount new reward shock to new upper plate using 4.5" bolt, washers,  $\frac{3}{4}$ " X 1.25" spacer, nut, washer. Mount bottom of shock to inside of lower bracket using 3.5" bolt, washers, nut, washer. Tighten all shock bolts to 120 ft lbs.
- 16- Turn wheels lock to lock and check for clearance of tires and steering components. Do not attempt to drive coach if there is a clearance issue. Please call if you need help with this install.

### REAR SHOCK INSTRUCTIONS:

- 1- Remove top and bottom bolts and dispose of bolts only.
- 2- Take the 7" bolts and add washers then install through new shocks and spacer then mount with shock in place then washer and nut.
- 3- Tighten to 120 ft lbs.
- 4- Double check for clearances.