**Front Bracket Assembly Procedure**

1. **Fitting Bracket into Place**
   - Slide front bracket into place, making sure that all mounting holes in the bracket align with holes in the frame bracket.

2. **Installing One Mounting Bolt**
   - Holding the front bracket in place, push ribbed neck fasteners into mounting holes from inside of frame bracket first and tighten the provided 1/2-13 (non-locking) hex nut on each ribbed-neck fastener. As the nut is tightened, the fastener will be driven into the frame bracket mounting holes. Tighten the nut until the head of the fastener is flush with the face of the bracket. Check nut can be used to seat all four ribbed-neck fasteners. Do not use pre-loading torque nuts to seat ribbed-neck bolts.

3. **Tightening One Mounting Bolt**
   - Place 1/2-13 pre-loading torque nuts onto ribbed-neck fasteners and torque to specified value.

4. **Installing Front Mounting Bolt**
   - Place 5/8-11 x 1.50 carriage bolt through front mounting hole in front plate. Hold carriage bolt in hole and place 5/8-11 pre-loading torque hex nut onto bolt and torque to specified value.

5. **Air Spring Assembly**
   - Assemble the air spring with the air inlet facing towards the front or rear, depending on air line orientation. Pre-tighten the 3/4-16 flange nut and 3/8-16 x 80 bolts to specified torque.

**Modifications Necessary If Frame Brackets Are Not Equipped with Mounting Holes**

1. **Steps 1-4**
   - Steps 1-4 apply when new suspension frame bracket is used. Convert mounting holes of front bracket to accept 1/2-13 ribbed-neck fasteners instead of the suspension frame bracket.

2. **Steps 5-9**
   - Steps 5-9 apply when new suspension frame bracket is not used. Convert mounting holes of front bracket to accept 1/2-13 ribbed-neck fasteners instead of the suspension frame bracket.

**Alternate Installation**

- Air inlet toward rear of suspension.