

FRONT BRACKET ASSEMBLY PROCEDURE

- ** FRONT BRACKET MUST BE IN PLACE BEFORE SEATING THE RIBBED-NECK BOLTS. BRACKET CANNOT BE INSTALLED IF BOLTS ARE INSTALLED PRIOR TO POSITIONING OF THE BRACKET.
- 1. FITTING BRACKET INTO PLACE. SLIDE FRONT BRACKET INTO PLACE, MAKING SURE THAT ALL MOUNTING HOLES IN UBL BRACKET ALIGN WITH HOLES IN FRAME BRACKET.
- 2. INSERTING SIDE MOUNTING BOLTS. HOLDING THE FRONT BRACKET IN PLACE, PUSH RIBBED NECK FASTENERS INTO MOUNTING HOLES FROM INSIDE OF FRAME BRACKET. INSERT AND TIGHTEN THE PROVIDED 1/2-13 STANDARD (NON-LOCKING) HEX NUT ON EACH RIBBED-NECK FASTENER. AS THE NUT IS TIGHTENED, THE FASTENER WILL BE DRAWN INTO THE FRAME BRACKET MOUNTING HOLES. TIGHTEN THE NUT UNTIL THE HEAD OF THE FASTENER IS FLUSH WITH THE INSIDE OF THE HANGER. (HEX NUT CAN BE REUSED TO SEAT ALL FOUR RIBBED-NECK FASTENERS. DO NOT USE PREVAILING TORQUE NUTS TO SEAT RIBBED-NECK BOLTS)
- 3. TIGHTENING SIDE MOUNTING BOLTS.

PLACE 1/2-13 PREVAILING 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 WITH THE BOLT HEAD ON THE INSIDE OF THE FRAME BRACKET (NEAREST THE PIVOT BUSHING). HOLD CARRIAGE BOLT IN HOLE AND PLACE 5/8-11 TORQUE PREVAILING HEX NUT ONTO BOLT AND TORQUE TO SPECIFIED VALUE.

5. AIR SPRING ASSEMBLY.

ASSEMBLE THE AIR SPRING WITH THE AIR INLET FACING TO THE FRONT OR REAR, DEPENDING ON AIR LINE ORIENTATION PREFERENCE. TIGHTEN THE 3/4-16 FLANGE NUT AND 3/8-16 X .88 BOLTS TO SPECIFIED TORQUES.

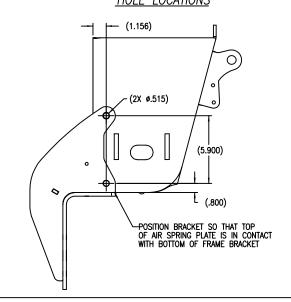
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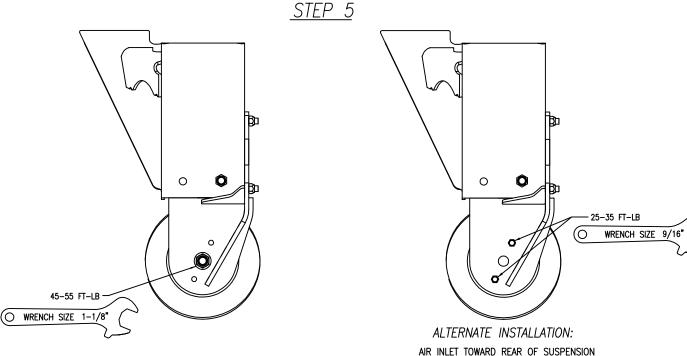
MODIFICATIONS NECESSARY IF FRAME BRACKETS ARE NOT EQUIPPED WITH MOUNTING HOLES

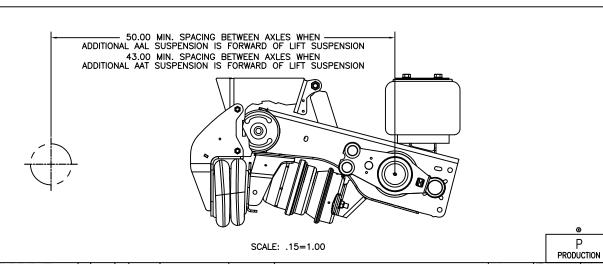
- 1. POSITION FRONT LIFT BRACKET ONTO SUSPENSION FRAME BRACKET.
 2. OUTBOARD HOLES: USING TRANSFER PUNCH, CENTER PUNCH TO LOCATE CENTER OF FRONT LIFT BRACKET HOLES ONTO THE OUTBOARD SIDE OF THE SUSPENSION FRAME BRACKET.
 3. DRILL PILOT HOLES, SIZE OPTIONAL.
 4. DRILL FINISH HOLES USING 33/64" DRILL (.515" DIA.)
 5. FRONT HOLE: CENTER PUNCH AT THIS LOCATION, PILOT DRILL, AND FINISH DRILL USING A 41/64" DRILL (.640" DIA.)
 6. FINISH: IF FRAME BRACKETS HAVE BEEN GALVANIZED, SURFACE OF DRILLED HOLES

- WILL NEED TO BE SUITABLY RECOATED.

HOLE LOCATIONS







HILLINDRICKSON TRAILER COMMERCIAL VEHICLE SYSTEMS | SISE NOTED: | 4 | 33569 | JAP | 3-6-20 | DRENSIONS ARE: | 2 | 20700 | D.D | 1-22-14 | DRENSIONS | 2 | 20700 | D.D | 5-10-13 | DRENSIONS | 1 | 2047 | D.D | 4-22-13 | PPD 81: E. FABRIS 2-26-13

UNDER BEAM LIFT

STEP 4

-170-210 FT-LB

WRENCH SIZE 15/16"

.25=1.00 | SEE | PAGE | 2 OF 2 D-33646