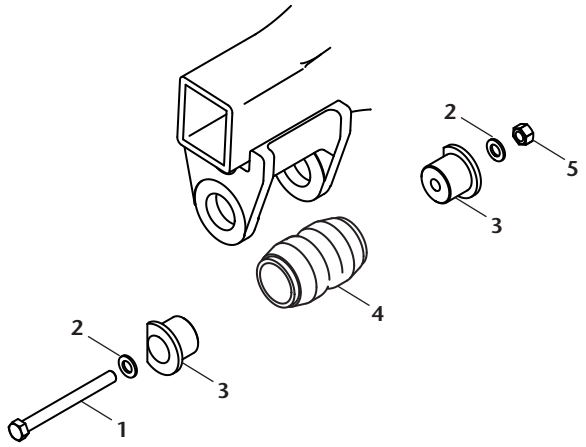
Holland
GO THE DISTANCE.

BUSHING CONNECTION

SERVICE REPAIR KIT



TRUCK/TRACTOR SUSPENSION MODELS

Truck: ARD-125/244-6, ARD-125/244-8

DISASSEMBLE AXLE BEAM HANGER CONNECTION

Step 1 .....Set the parking brakes and chock the front wheels to prevent the vehicle from moving. Disconnect the lower connection of the height control valve linkage. Rotate the valve lever upward to raise the frame rails approximately 2″. Install something to support the frame rails such as a metal saw horse or jack stands. Exhaust the air from the air springs by rotating the height control valve lever downward.

Step 2 .....Secure the height control valve in the exhaust mode position which is the lever rotated downward.

Step 3 .....Jack up the axle enough to remove tires and install jack stands to support the axle. Remove tires.

CAUTION **Be sure all air is exhausted from the air springs prior to performing step 4.**

Step 4 .....Note the position of the spacer washers at the front pivot connection. Loosen and remove the nut from the pivot connection, but **do not** remove the bolt at this time.

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SRK-79 BUSHING CONNECTION

For applicable models, see left column. Kit is used when servicing 5-1/4″ axle beam hanger bushing connection.

SRK-79: 481 00 123

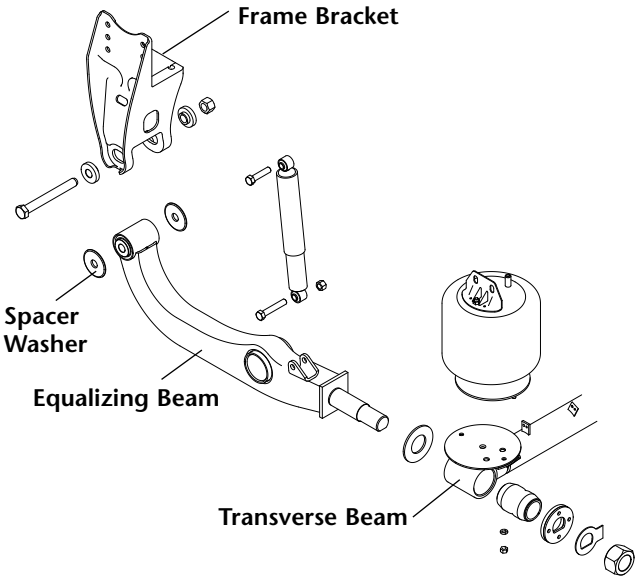
Pivot Connection - 1 kit per axle

Item	Part No.	Description	Qty.
1	930 03 681	Hex Head Cap Screw 3/4″ - 10 x 7″	2
2	936 00 156	Washer 3/4″	4
3	900 01 002	Adapter Bushing	4
4	900 08 006	Rubber Bushing 5-1/4″ Long	2
5	934 00 492	Lock Nut 3/4″ - 10	2

NOTE: New bushings recommended when bushing surface becomes deformed. Refer to parts list.

Step 5 .....Jack up the equalizing beam to take tension off the shock absorber. Remove the lower mounting of the shock and air spring. Remove the large nut that holds the transverse beam to the equalizing beam.

continued



Step 6 .....Remove the nut and bolt that attaches the equalizing beam to the axle adapter. Note if there are spacer washers (item 3 from page 1 diagram) present when disassembling this connection.

⚠WARNING **Never repair a cracked equalizing beam. If cracks are detected anywhere on a beam, replace the beam; otherwise, secondary weld failures during use may cause loss of vehicle control and could cause serious injury or death.**

Step 7 .....Press out old bushing using Bushing Service Tool, part number 50544001. Clean out bushing tube using a wire brush or sandpaper.

IMPORTANT: Lubricate new bushing with an approved rubber lubricant such as P-80 or equivalent.

IMPORTANT: **DO NOT** use an oil-based lubricant, soap and water solution or brake fluid as they will not allow the bushing to attach to the inside wall of the bushing tube and will reduce bushing life.

Step 8 .....Install new bushing using Bushing Service Tool part number 50544001, to reduce installation time. Contact your Holland distributor for details. When installing bushing, press the bushing past center by approximately 0.5˝, then reverse direction to bring the bushing back to the center.

*REASSEMBLE THE AXLE BEAM HANGER CONNECTION

Step 1 .....Before installing beam, inspect frame brackets for any excessive wear, such as elongated holes, cracks or cracked welds.

⚠WARNING **Never repair a cracked equalizing beam. If cracks are detected anywhere on a beam, replace the beam; otherwise, secondary weld failures during use may cause loss of vehicle control and could cause serious injury or death.**

Step 2 .....Install beam into the frame bracket, but do not tighten nut at this time. Install transverse beam onto the rear of the equalizing beam. Using a small jack, raise the equalizing beam enough to allow the connection of the lower end of the shock to the equalizing beam. Raise the axle to remove the jack stands. After stands are removed, lower the axle to allow the assembly of the axle to the equalizing beam. Install the lower portion of the air spring to the Transverse beam. Jack up the axle to allow the tires to be installed. Remove jack and repeat above on other side.

Step 3 .....Tighten all fasteners with the exception of the main pivot and axle to equalizing beam connections. The suspension must be at ride height prior to tightening these two connections.

Step 4 .....Torque all fasteners using the chart below. Tighten lock nut (item 5 from page 1 diagram) to 200 ft. lbs.

TORQUE CHART

SIZE	ITEM	TORQUE IN FT. LBS. AD MODELS	NM
1/2˝	Air Spring	30-35	40-47
1 1/8˝	Pivot	600	813
1 1/4˝	Pivot	700	949
3/4˝	Shock Absorber	150	203
1 1/4˝	Transverse Beam	700	949
2 1/4˝	Transverse Beam	500-550	677-745

TORQUE NOTE:

Torque specifications are ±5% tolerance.

Step 5 .....Start truck and build up air pressure to at least 80 psig. Rotate the height control valve lever upward to inflate the air springs enough to remove the devices that are supporting the frame rails. Attach the height control valve linkage to the lower connection position. The suspension should now be at ride height. Torque the 1/4˝ nut to 24-48 in-lbs. Now torque the main pivot and axle to equalizing beam connections using the table above.

NOTE: Remove all jacks and jack stands. Remove front wheel chocks.

NOTE: It is recommended that a pivot and transverse beam Service Repair Kit be installed at this time. Refer to Holland Neway Parts Catalog (XL-AM100-01) for proper kit numbers.

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