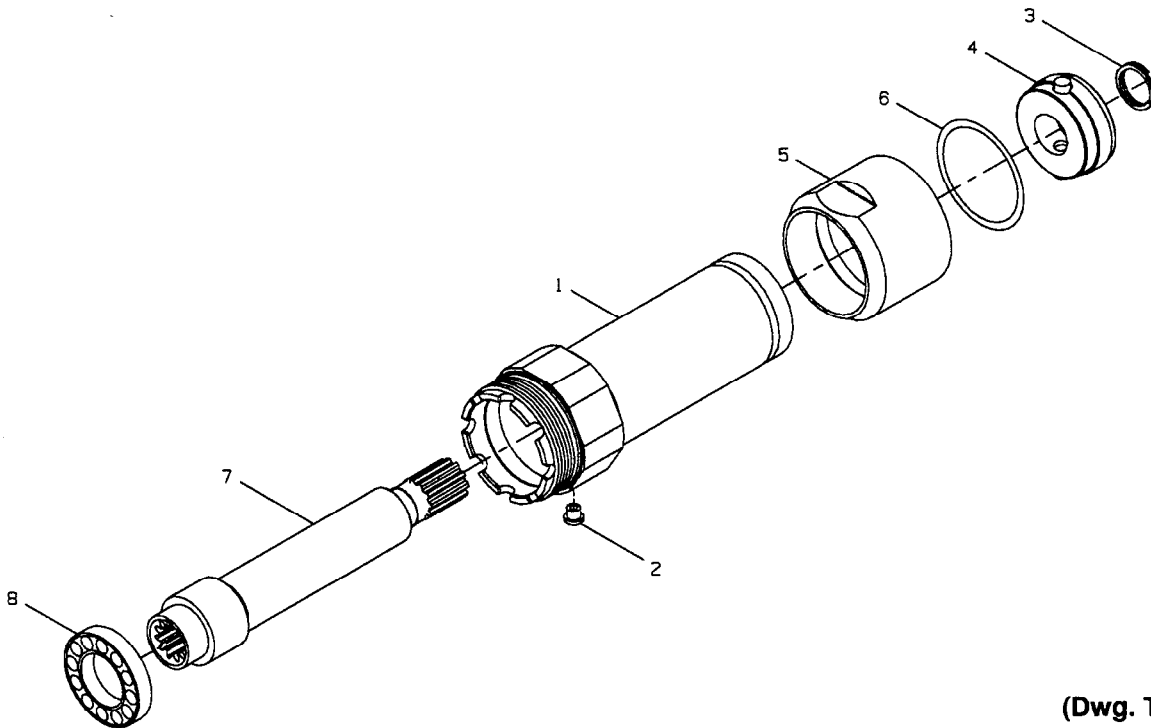


DAA-A327-4 EXTENSION HOUSING ASSEMBLY
for
SERIES DAA TORQUE CONTROL ANGLE WRENCHES
(use this form in conjunction with Form P6976 or P7055)



(Dwg. TPC599)

PART NUMBER FOR ORDERING

	Extension Housing Assembly	DAA-A327-4
1	Extension Housing	DAA-A43-4
2	Grease Fitting	D0F9-879
3	Arbor Retainer	182A53-689
4	Housing Ring Assembly	DAA2-A682
5	Coupling Nut	DAA2-27
6	Coupling Nut Retainer	DAA2-29
7	Extension Arbor	DAA-327-4
8	Arbor Bearing	R1602-510

NOTICE

One or more 4" Extension Housing Assemblies can be used on a tool at the same time to increase tool length. However, each additional Extension Assembly, because of increased driving torque demands, may reduce the torque output to an unsatisfactory level. It is the users responsibility to make certain the number of Extension Assemblies does not reduce the torque output below the required amount.

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INSTALLATION

WARNING

When installing or removing a 4" Extension Housing Assembly on a tool, ALWAYS hold the tool by the hex on the Gear Case while tightening the Coupling Nut (5). NEVER grasp the composite tool body or handle in vise jaws to restrain the tightening torque of the Coupling Nut. Such a practice will result in damage to the tool and with electric models will cause wire leads to malfunction creating an electric shock hazard.

NOTICE

In this first step, the Coupling Nut (5) has a left-hand thread.

1. Grasp the flats of the metal Gear Case in leather-covered or copper-covered vise jaws with the output end of the tool upward, and using a wrench on the hex of the Coupling Nut, unscrew the Coupling Nut and pull the Angle Housing Assembly or Spindle Assembly away from the Gear Case.
2. Engage the external spline of the Extension Arbor (7) with the teeth of the gear train in the Gear Case and slide the Extension Housing Assembly against the Gear Case.

NOTICE

The thread in the following step is a left-hand thread.

3. Thread the Coupling Nut onto the Gear Case and using a wrench on the hex of the Coupling Nut, tighten the Nut between 25 and 30 ft-lb (27 and 40 Nm) torque.
4. Replace the Angle Housing Assembly or Spindle Assembly by engaging the spline of the Angle Housing Assembly or Spindle Assembly with the internal spline of the Extension Arbor and slide the Assembly against the Extension Housing.

NOTICE

The thread in the following step is a left-hand thread.

5. Thread the Coupling Nut onto the Extension Housing and using a wrench on the hex of the Coupling Nut, tighten the Nut between 25 and 30 ft-lb (27 and 40 Nm) torque.

DISASSEMBLY OF THE EXTENSION HOUSING ASSEMBLY

NOTICE

In this first step, the Coupling Nut (5) has a left-hand thread.

1. Grasp the flats of the metal Gear Case in leather-covered or copper-covered vise jaws with the output end of the tool upward, and using a wrench on the hex of the Coupling Nut, unscrew the Coupling Nut and pull the Extension Housing (1) away from the Gear Case and off the assembly.
2. Using a thin blade screwdriver, spiral the Arbor Retainer (3) out of the groove in the Extension Arbor (7).
3. Pull the Housing Ring Assembly (4) off the shaft of the Arbor and push on the end of the Arbor with the external spline to force the Arbor and Arbor Bearing (8) out the opposite end of the Housing.
4. If the Bearing must be replaced, press it off the Extension Arbor.

ASSEMBLY OF THE EXTENSION HOUSING ASSEMBLY

1. If the Arbor Bearing (8) was removed, press the Bearing onto the hub at the end of the Extension Arbor (7) having the internal spline by pressing on the inner bearing race. Press the Bearing until it stops against the shoulder on the shaft.
2. Insert the Arbor, bearing end trailing, into the notched, threaded end of the Extension Housing (1).
3. Install the Housing Ring Assembly (4) on the end of the Arbor with the external spline and slide the Ring Assembly into the Extension Housing.
4. Spiral the Arbor Retainer (3) into the groove on the shaft of the Arbor to lock the Assembly in position.
5. Engage the external spline of the Extension Arbor with the teeth of the gear train in the Gear Case and slide the Extension Housing Assembly against the Gear Case.

NOTICE

The thread in the following step is a left-hand thread.

6. Thread the Coupling Nut (5) onto the Gear Case and using a wrench on the hex of the Coupling Nut, tighten the Nut between 25 and 30 ft-lb (27 and 40 Nm) torque.