



*Electric Actuators for Industrial Process Control*

## **BECK ADAPTOR PLATE INSTALLATION**

### **This procedure is for use in replacing a Model 25-102 or Model 11-100 Beck Actuator with a Model 11-150 Beck Actuator**

When it becomes necessary to replace a Model 25-102 or 11-100 Actuator, the Model 11-150 may be used. To facilitate such a change, Part Number **20-2811-01 Adaptor Plate Assembly** may be used. The plate mounts in the existing mounting location using the existing holes. A set of countersunk holes in the plate matches them. The plate has a second set of holes for mounting the Model 11-150 to it. All necessary bolts, nuts, and washers are supplied.

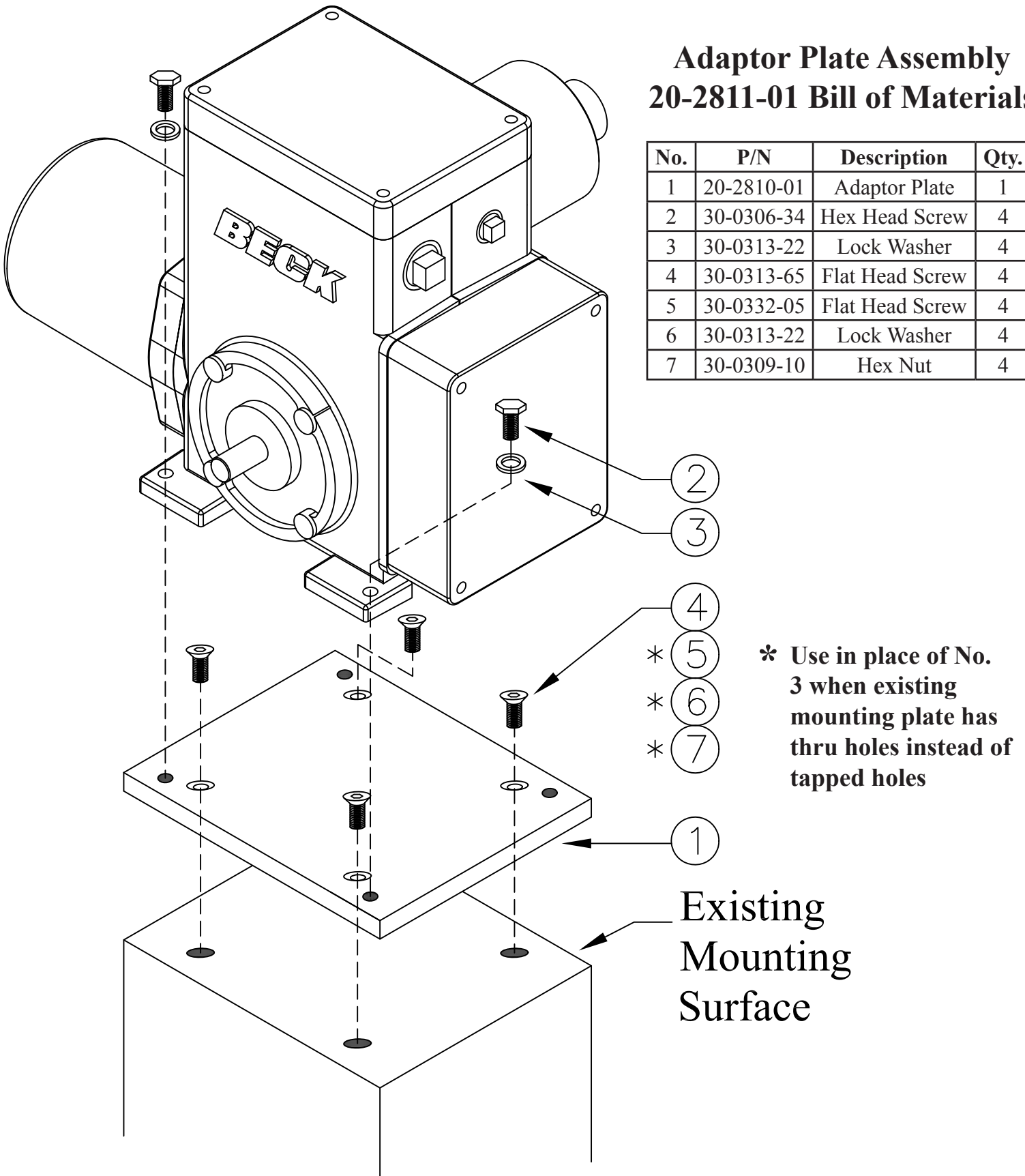
Before removing the existing 25-102 or 11-100 actuator, measure its output shaft diameter. Some will measure 3/4", others 1". The adaptor plate is designed to be placed in accordance with this shaft dimension to position the new model 11-150 actuator correctly. Therefore the adaptor plate is stamped 3/4" on one edge and 1" on the other. Place the plate locating the number that matches shaft diameter, at the front of the mounting location (shaft and linkage side) in place of the 11-100 actuator.

Refer to the illustration on page 2. To install the plate (#1) where the existing mounting holes are threaded, use flathead socket screws(#4). Where the existing mounting holes are not threaded, use flathead socket screw (#5) with lockwashers (#6) and nuts(#7). Then fasten the new actuator, model 11-150, to the plate with hex head bolts (#2) and lockwashers(#3).

After mounting, a slight adjustment to the length of the connecting linkage (if utilized) may be necessary. Lengthen the linkage 5/8" to compensate for the plate thickness and connect it to the 11-150 actuator.

## Adaptor Plate Assembly 20-2811-01 Bill of Materials

No.	P/N	Description	Qty.
1	20-2810-01	Adaptor Plate	1
2	30-0306-34	Hex Head Screw	4
3	30-0313-22	Lock Washer	4
4	30-0313-65	Flat Head Screw	4
5	30-0332-05	Flat Head Screw	4
6	30-0313-22	Lock Washer	4
7	30-0309-10	Hex Nut	4



**\* Use in place of No. 3 when existing mounting plate has thru holes instead of tapped holes**

**Existing  
Mounting  
Surface**