

NXT Air Motor Mounting Conversion

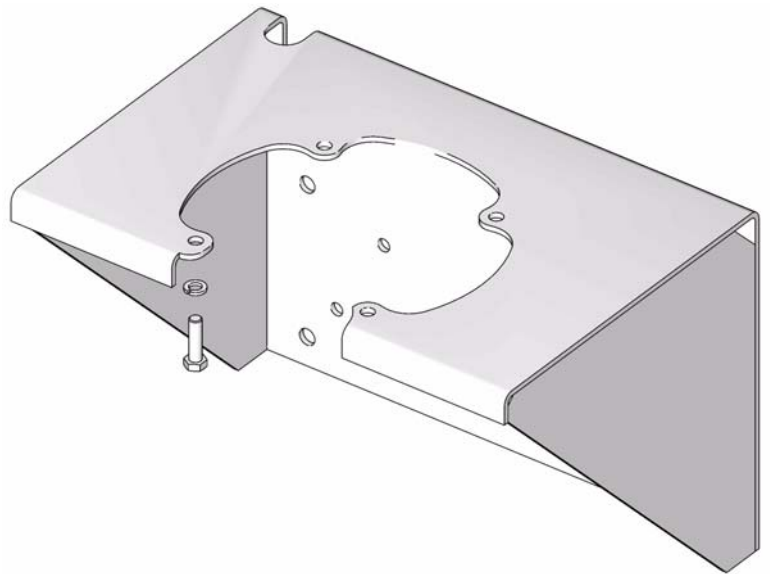
312148 rev. A

Instructions for mounting an NXT air motor to pumps previously using King, Bulldog, or Senator air motors.



Important Safety Instructions

Read all warnings and instructions in this manual and in NXT air motor manual 311238. Save these instructions.



TI8838A

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255143 NXT Wall Mounting Kit

Order 255143 Wall Mounting Kit separately. See manual 311619.

Installing the NXT air motor on an existing pump will require a rod adapter and different tie rods. See TABLE 1 and FIG. 1-FIG. 5.

The new wall bracket must be mounted 6.58 in. (168 mm) higher than the old bracket, to compensate for differences in the size of the NXT air motor compared to the King, Bulldog, or Senator.

Table 1: Mounting Configurations

Pump Model	Cart Mounting	Cart Mounting Adapter	Wall Mount	Pump No.	Motor Rod Adapter	Tie Rods	Manual
Small High-Flo (FIG. 1)	n/a	n/a	255143	Jxxxxx	15H369	15G924	311211
Large High-Flo (FIG. 2)	n/a	n/a	255143	Jxxxxx	15H370	15H600	311831
Dura-Flo 600-1200 (FIG. 3)	287884	n/a	255143	Pxxxxx	15H370	15H562	311833
Dura-Flo 1800-2400 (FIG. 4)	287884	15K296	255143	Pxxxxx	15H371	15H562	311828
Xtreme, with NXT 6500 or NXT 3400 (FIG. 5)	287884	n/a	255143	Pxxxxx	15H392	15F837	311164
Xtreme, with NXT 2200 (FIG. 5)	287884	247312	255143	Pxxxxx	15H392	15F837	311164

NXT Motor with Small High-Flo Pumps

King Motor with Small High-Flo Pumps

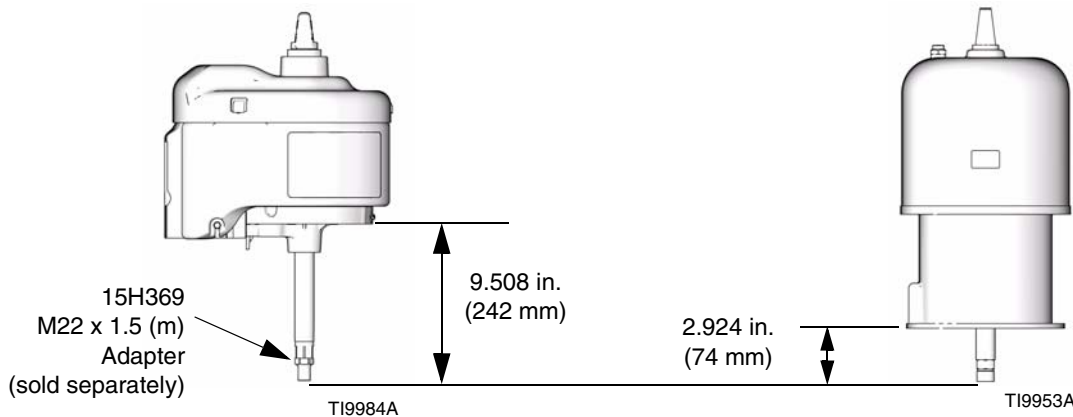


FIG. 1. Dimensions for Small High-Flo Pumps

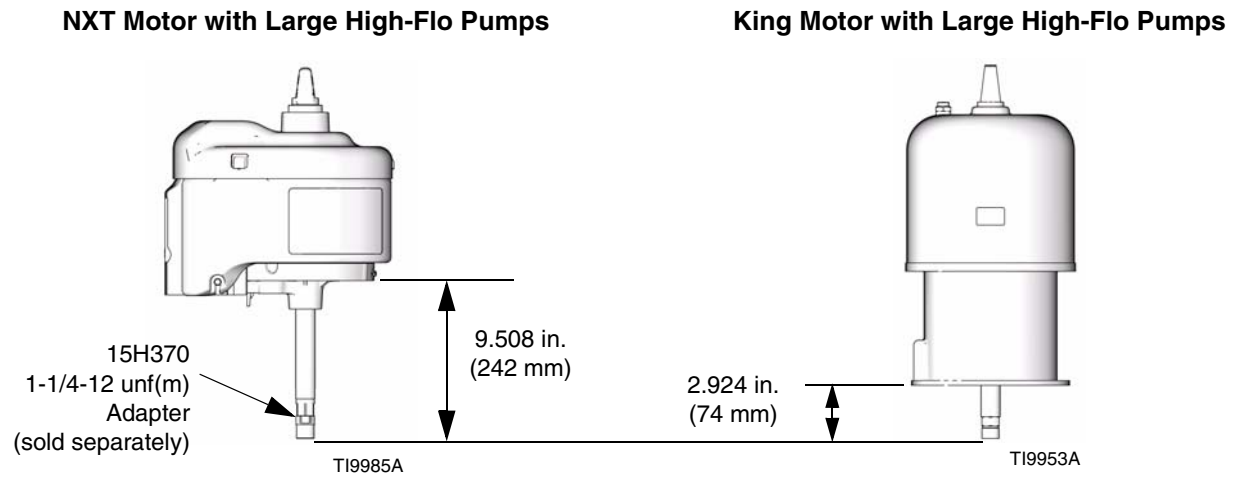


FIG. 2. Dimensions for Large High-Flo Pumps

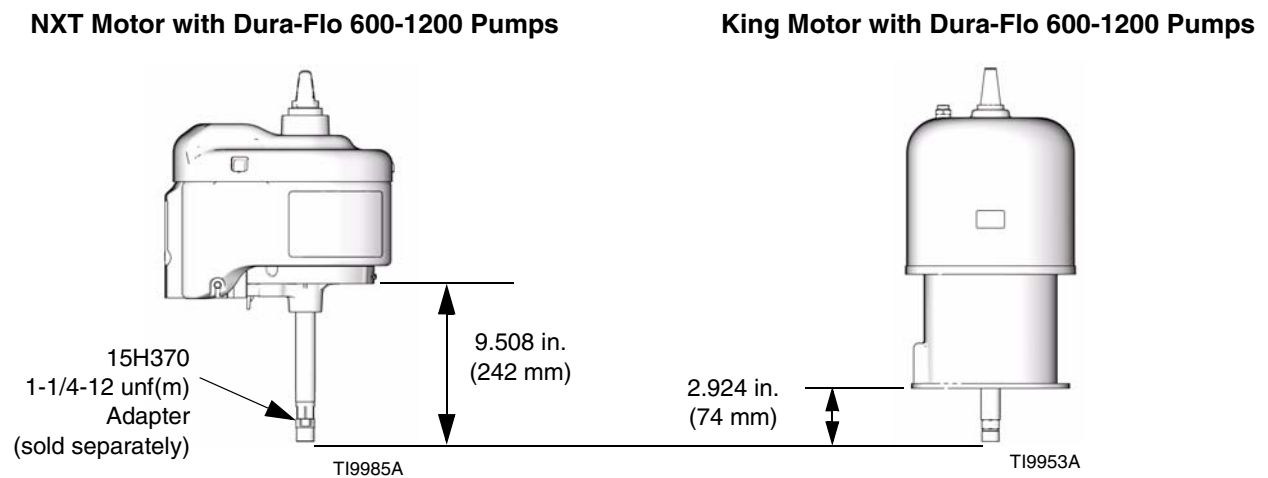


FIG. 3. Dimensions for Dura-Flo 600-1200 Pumps

NXT Motor with Dura-Flo 1800-2400 Pumps

King Motor with Dura-Flo 1800-2400 Pumps

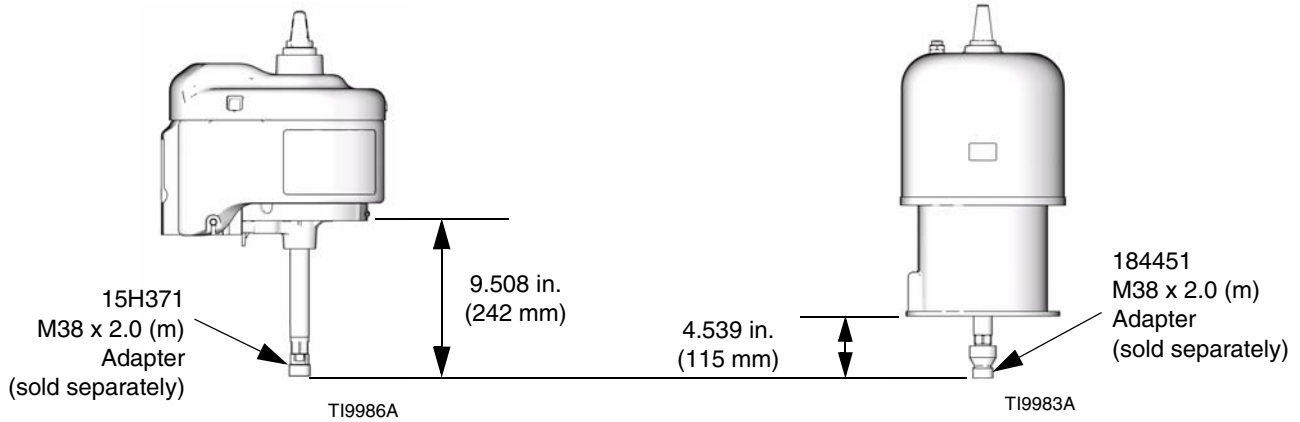


FIG. 4. Dimensions for Dura-Flo 1800-2400 Pumps

NXT Motor with Xtreme Pumps

King Motor with Xtreme Pumps

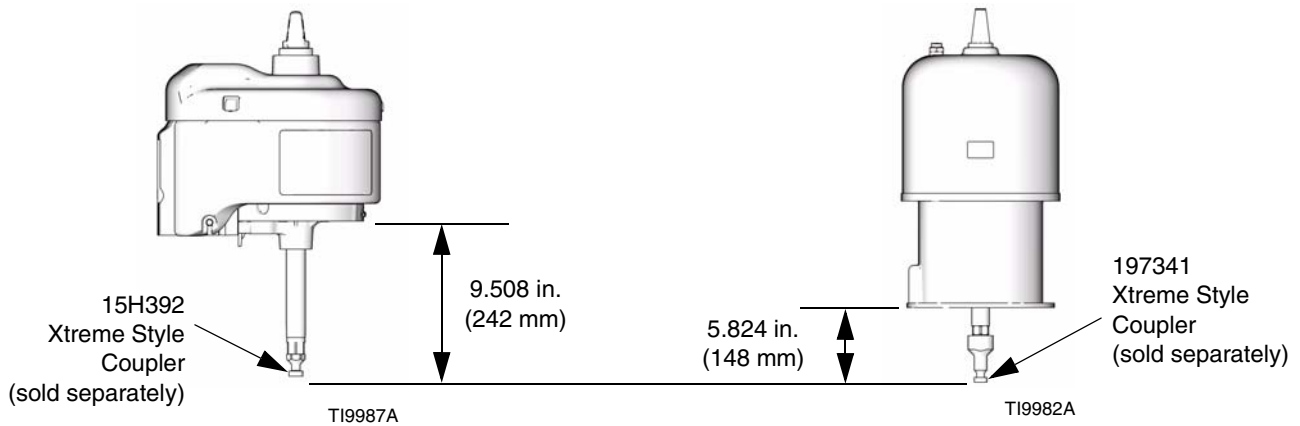


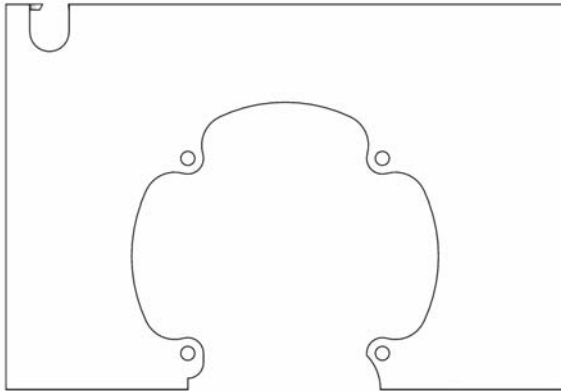
FIG. 5. Dimensions for Xtreme Pumps

FIG. 6 shows the difference between the old mounting bracket for the King, Bulldog, and Senator air motors and the new bracket for the NXT air motor, provided in the 255143 Wall Mounting Kit. The opening at the front of the NXT bracket allows clearance for the motor air valve and the optional integrated air control module.

 Adapter plate 247312 is required to mount an NXT 2200 air motor to the bracket.

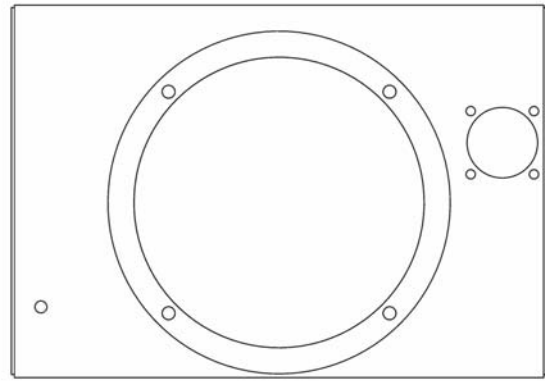
See **Mounting Hole Diagrams** on page 6 for the comparative air motor bolt circle patterns.

NXT Mounting Bracket (Kit 255143)



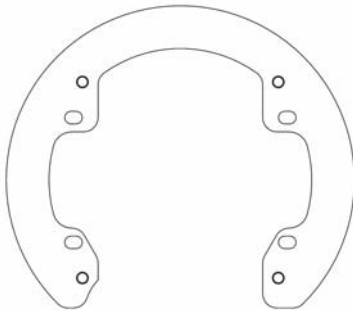
TI9955A

**King, Bulldog, Senator
Mounting Bracket (Kit 206221)**



TI9956A

**247312 Adapter Plate
(required to mount NXT 2200
Air Motor to 255143 Bracket)**

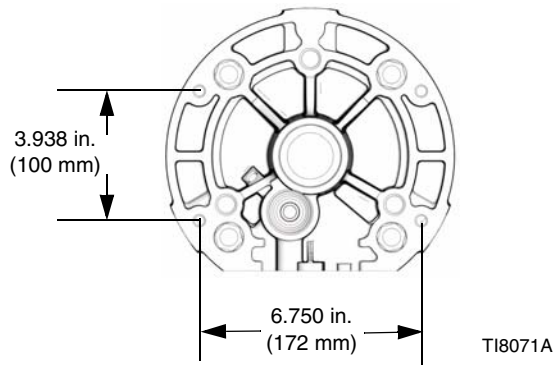


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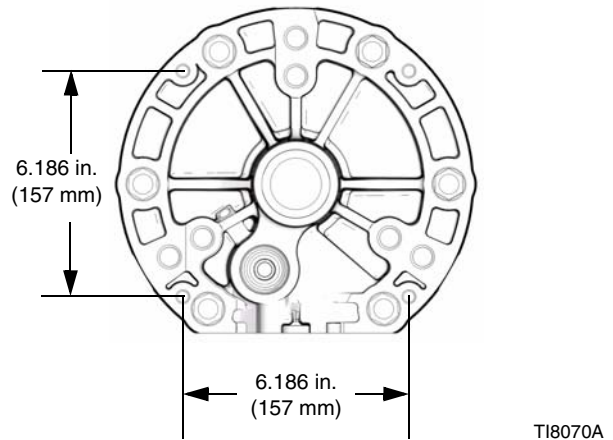
FIG. 6. Air Motor Brackets

Mounting Hole Diagrams

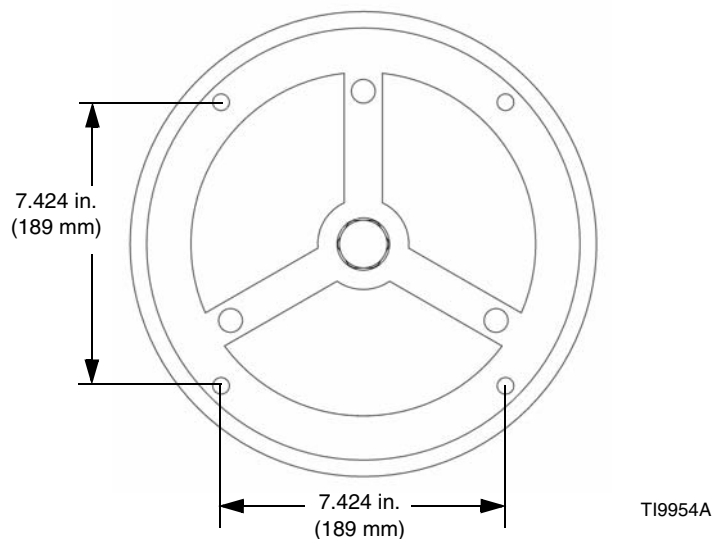
NXT Model 2200



NXT Model 3400 and 6500



King, Bulldog, Senator



Graco Information

TO PLACE AN ORDER, contact your Graco distributor or call to identify the nearest distributor.
Phone: 612-623-6921 **or Toll Free:** 1-800-328-0211 **Fax:** 612-378-3505

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