

# NXT Air Motor Mounting Conversion

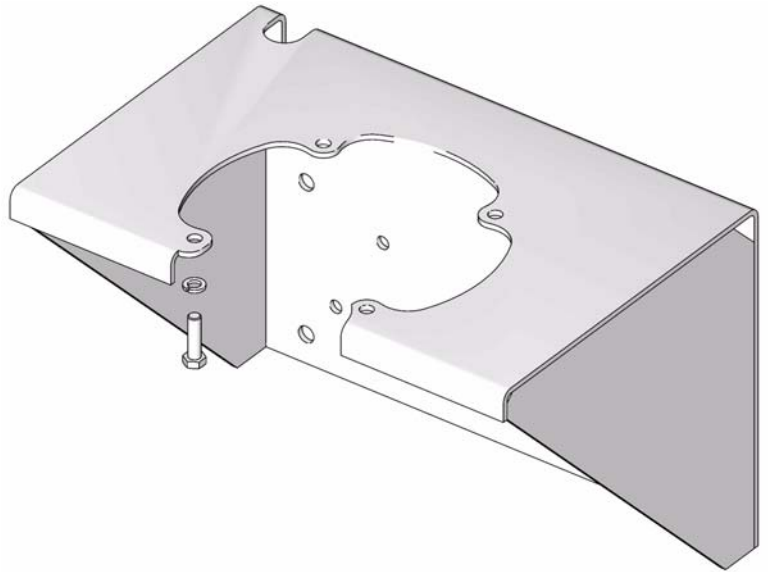
312148B

*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.



T18838A

# 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.

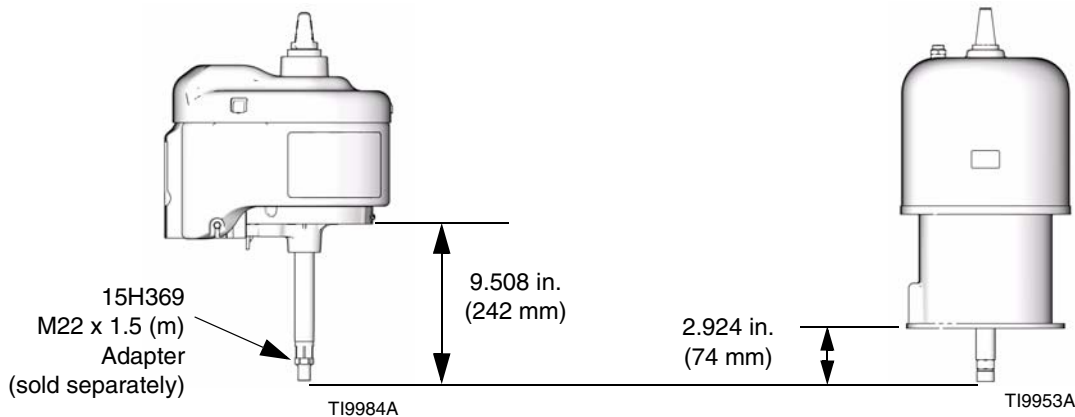
The new wall bracket must be mounted 6.58 in. (168 mm) higher than the old bracket, to compensate for differences in the size of the NXT air motor compared to the King, Bulldog, or Senator.

**Table 1: Mounting Configurations**

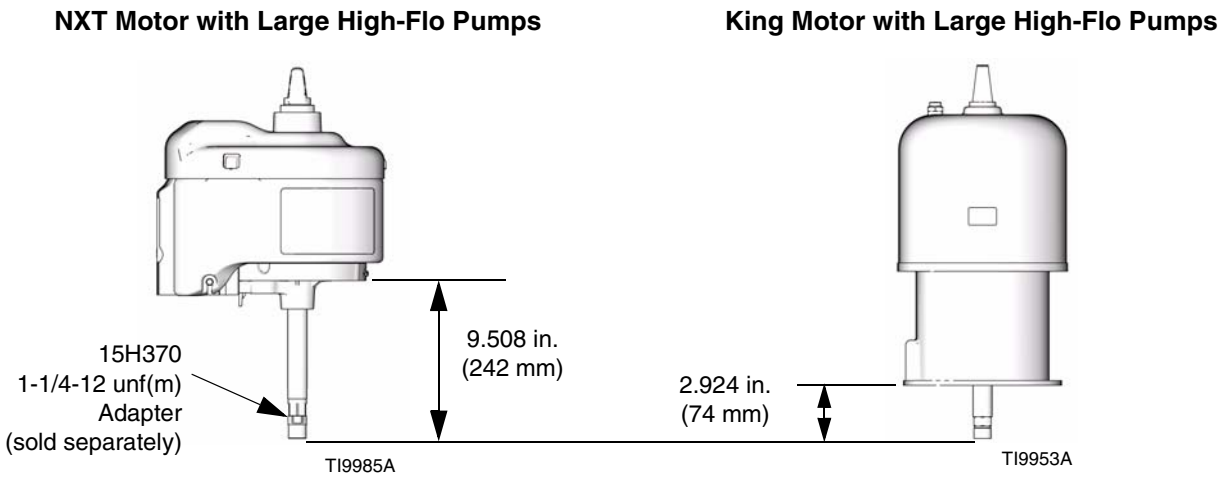
Pump Model	Cart Mounting	Cart Mounting Adapter	Wall Mount	Pump No.	Motor Rod Adapter	Tie Rods	Manual
Small High-Flo (FIG. 1)	n/a	n/a	255143	Jxxxxx	15H369	15G924	311211
Large High-Flo (FIG. 2)	n/a	n/a	255143	Jxxxxx	15H370	15H600	311831
Dura-Flo 600-1200 (FIG. 3)	287884	n/a	255143	Pxxxxx	15H370	15H562	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	257150	311164
Xtreme, with NXT 2200 (FIG. 5)	287884	247312	255143	Pxxxxx	15H392	257150	311164

**NXT Motor with Small High-Flo Pumps**

**King Motor with Small High-Flo Pumps**

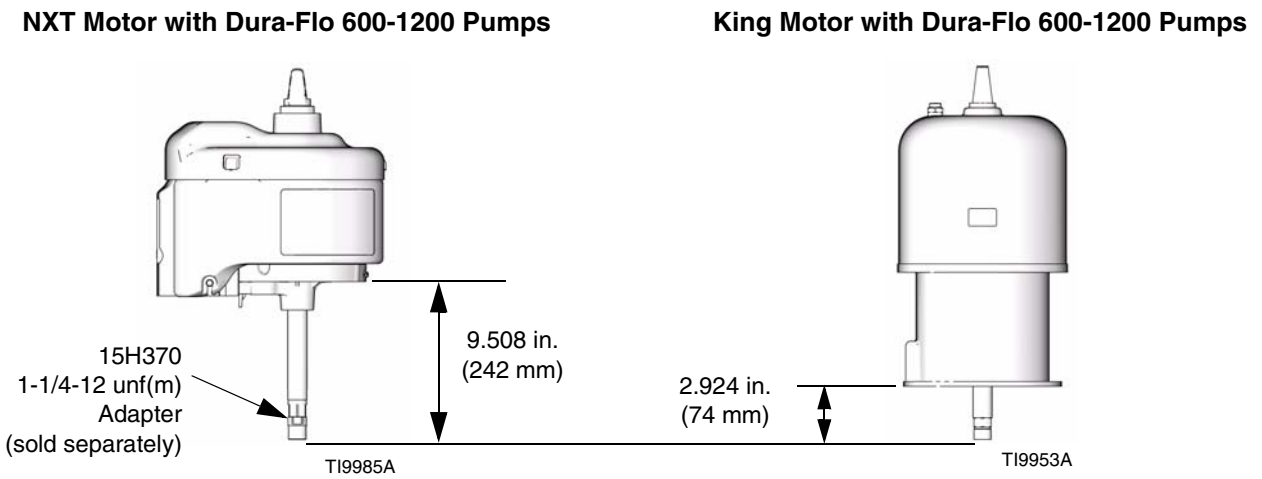


**FIG. 1. Dimensions for Small High-Flo Pumps**



**FIG. 2. Dimensions for Large High-Flo Pumps**

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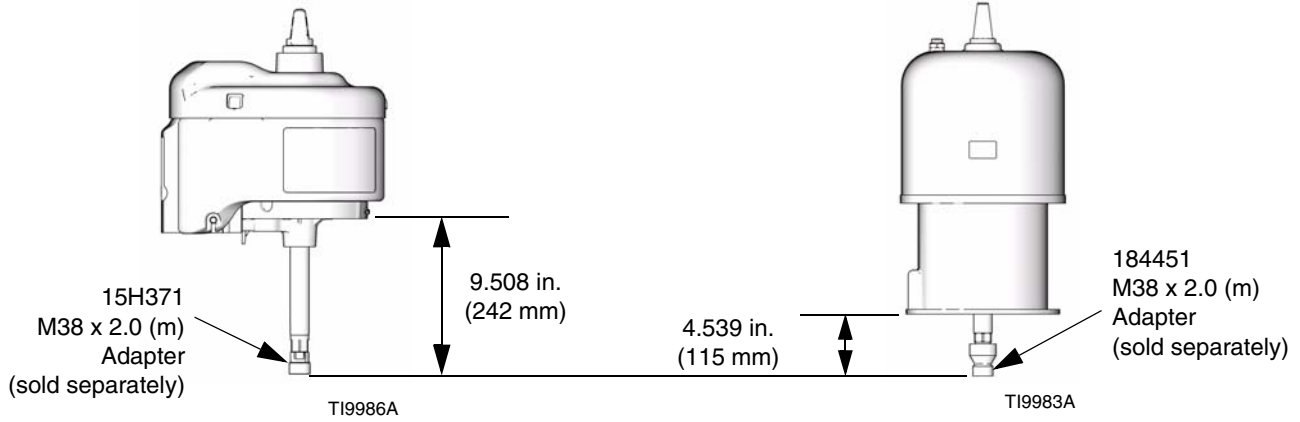


**FIG. 3. Dimensions for Dura-Flo 600-1200 Pumps**

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**NXT Motor with Dura-Flo 1800-2400 Pumps**

**King Motor with Dura-Flo 1800-2400 Pumps**

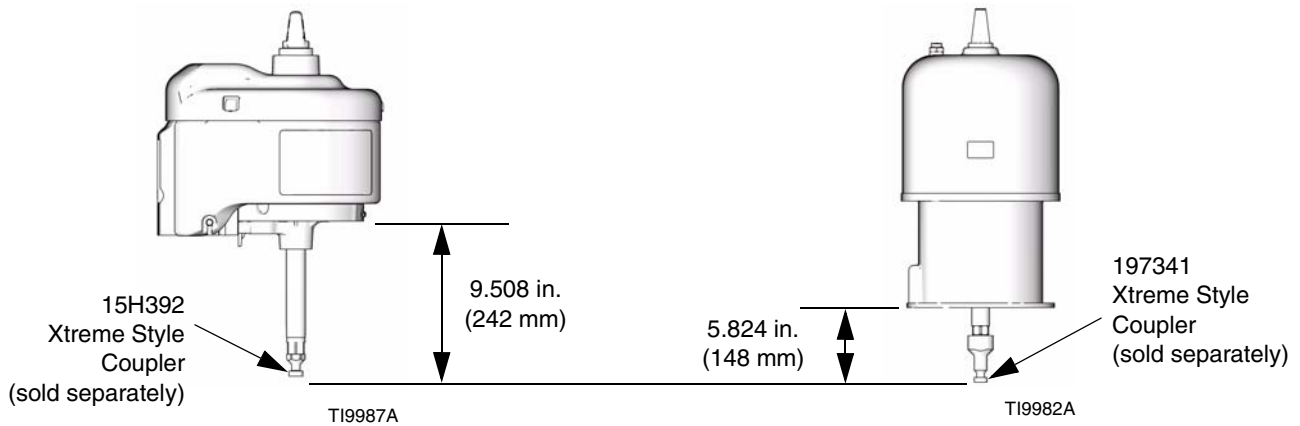


**FIG. 4. Dimensions for Dura-Flo 1800-2400 Pumps**

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**NXT Motor with Xtreme Pumps**


**King Motor with Xtreme Pumps**



**FIG. 5. Dimensions for Xtreme Pumps**

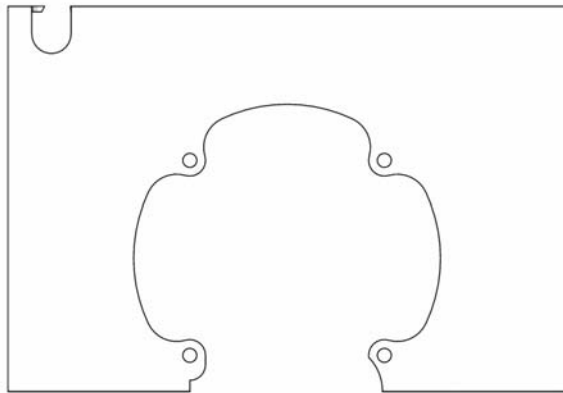
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FIG. 6 shows the difference between the old mounting bracket for the King, Bulldog, and Senator air motors and the new bracket for the NXT air motor, provided in the 255143 Wall Mounting Kit. The opening at the front of the NXT bracket allows clearance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

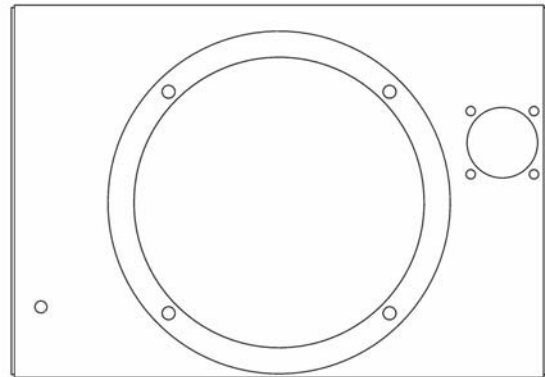
See **Mounting Hole Diagrams** on page 6 for the comparative air motor bolt circle patterns.

**NXT Mounting Bracket (Kit 255143)**



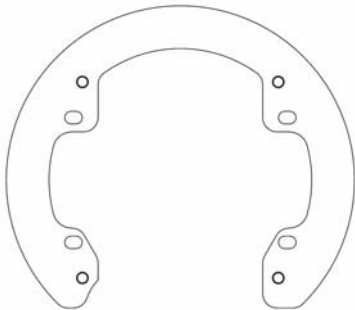
TI9955A

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



TI9956A

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

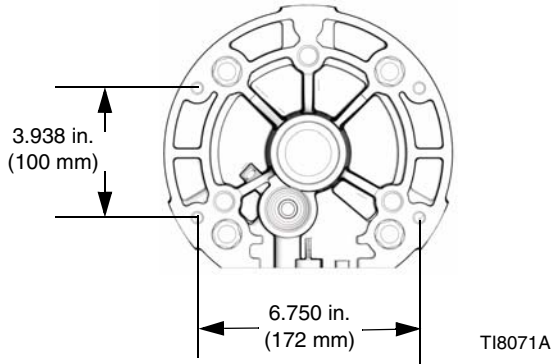


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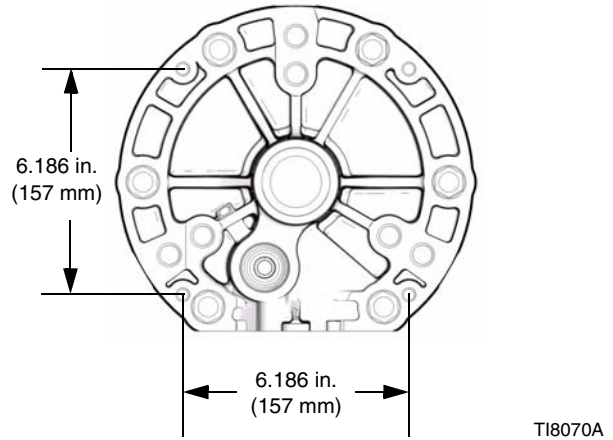
**FIG. 6. Air Motor Brackets**

# Mounting Hole Diagrams

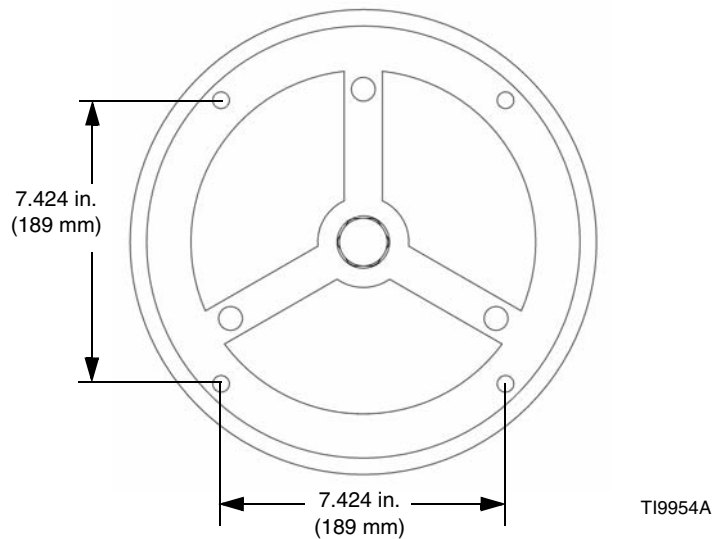
**NXT Model 2200**



**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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*This manual contains English. MM 312148*

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