


Title:	PumpBoss Max (PBA500)			
Number:	PB_704	Release Date:	03/11/2025	
Revision Number:	Not Applicable	Revision Date:	Not Applicable	
Chassis Type:	Custom Chassis			
Component Description:	PumpBoss Max (PBA500)			
Parts:	See parts table below			

Subject:

FRC has made the final notice to Pierce that they will no longer be offering the legacy PumpBoss governors, they will be moving to the PumpBoss Max (PBA500). Pierce has been working with FRC to provide a smooth transition by completing our own testing and software validation in our current applications.



PumpBoss Max (PBA500)

Description:

The PumpBoss Max allows FRC to move from an ever-aging platform and support new technology for future industry needs. Other features and enhancements are listed below:

- PumpBoss Max utilizes CANbus for network interaction, which enables communication with all SafeFleet branded products.
- Moving from overlay covered buttons to rugged tactile rubber (weatherproof) buttons.
- Migrating from 7-segment LED and dot matrix to 3.5" LCD, high resolution vivid impact display.
- LCD screen allows for information/menu flexibility and customization.
- Automatic daytime and nighttime screen modes.
- Constant display of Engine Oil Pressure, Engine Coolant Temp., Transmission Temp., and Battery voltage.
- Three variants to choose from (1) Single Discharge transducer (300 PSI on discharge), (1) Single High Pressure Discharge transducer (600 PSI on discharge), and Dual High Pressure transducer (600 PSI on intake and discharge).

PARTS BULLETIN #704

In reference to the new PumpBoss Max options and comparing to the old PumpBoss series, the PBA200 had a single 300 PSI discharge transducer, the PBA300 had a single 600 PSI discharge transducer, and the PBA400 had a dual 600 PSI intake and discharge transducer setup.

Truck Type	Qty	Item No.	Description	Description 2	Notes
ALL	1	4392722	Gov Sys, Pressure, Fire Research	PBA500, LCD, All Engines	All PBA200-PBA400 series governors will be replaced by this PBA500 governor
	1	4669056	Sub Panel, Throttle Control FRC PBA500		If replacing a governor in the field which was previously installed on a sub panel
Non-PUC	1	64-1469-H001	Wire Harn, Pump Pnl, Psi Gov, FRC	Adapter, Pump Boss 500, Non-PUC	Replaces current adapter harness
PUC	1	64-6620-0009	Connector, Deutsch Plug, Dt Ser	DT06-12SB-P012 Blk	Needed to rewire PUC pump harness. Change DT-6 & DT-8 connectors used on PBA200-400 models to DT-12 black connector
	1	64-6624-0007	Lock, Secondary, Deutsch Dt Ser	W12S-P012	
	AR	64-0377	Plug, Cavity, Deutsch 16-12	114017 Deutsch	

If any additional support is needed, please open a technical support incident on Pierceparts.com.