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Ferris Stand-on Ground Blower Tipsheet

Engine RPMs

A critical part to proper performance, operation and longevity is Engine RPM's. Below is a general list of blower categories with engine RPM settings. For the most accurate specification, always refer to the Model Search for that serial number and check the Technical Specification.

- FB3000 (5901810, 5901962, 5902135) - 2800rpm +/- 20, with all deflector plates closed
- FB2000 (5901811, 5901963, 5902132) - 3220rpm +/- 20, with all deflector plates closed
- FB1000 (5902132) - 3300rpm +/- 20, with deflector plate in neutral

Service Procedures

The FB2000 & FB3000 have electrically activated deflector plates(doors). These are controlled by an electronic module and electrical "joystick". There are test procedures if you suspect that one or the other or both components are not working properly. It is best practice to check wiring, continuity, connection and voltage drop, throughout the harness **first**. You should be familiar with the test procedures before attempting to diagnose the problem. The test procedures are listed in the Power Portal Ferris Knowledge Base and Service Bulletins F152 & F153. For the most accurate information, always refer to Model Search for that serial number and check "Documentation".

Listing of information that is in Ferris Knowledge Base

Control Module Test -[Module Test](#)
Joystick Test -[Joystick Test Procedure](#)
Joystick Functionality -[Joystick tionality.htm](#)
Blower Stub Shaft Access -[Blower Stub Shaft Access](#)
Purging Hydraulic System -[Purging Hydraulic Systems](#)

Listing of Service Procedure Service Bulletins

[Service Bulletin F152 Testing Control Module](#)
[F153 - Joystick Test Procedures](#)



Service Bulletins

Another area to always check is if there are any applicable service bulletins and if they have been addressed. Many times, a failure can be identified by looking at the bulletin information before starting any diagnostics. Below is a general list of applicable service bulletins for both the equipment and the engine. For the most accurate specification, always refer to the Model Search for that serial number and check “Documentation” for any service bulletins.

- FB1000
 - 5902132 DSB-1127 Oil Filter Torque
DSB-1155 Stub Shaft Mounting Torque
- FB2000
 - 5901811 F155 Fuel Lines
F164 Stub Shaft Failure
F188 Blower Housing Weld
F190 Muffler Spacer
F198 (F162) Not Starting
DSB-1110 Oil Filter Adapter Leaking
DSB-1127 Oil Filter Torque
DSB-1155 Stub Shaft Mounting Torque
 - 5901963 F188 Blower Housing Weld
F190 Muffler Spacer
F198 (F162) Not Starting
DSB-1110 Oil Filter Adapter Leaking
DSB-1127 Oil Filter Torque
DSB-1155 Stub Shaft Mounting Torque
 - 5902132 DSB-1110 Oil Filter Adapter Leaking
DSB-1127 Oil Filter Torque
DSB-1155 Stub Shaft Mounting Torque
- FB3000
 - 5901810 F132 Impeller Stack-up Components
F155 Fuel Lines
F164 Stub Shaft Failure
F188 Blower Housing Weld
F198 (F162) Not Starting
DSB-1156 Torque Spec for Rocker Screw
DSB-1164 Cylinder Head Overheating
 - 5901962 F188 Blower Housing Weld
F198 (F162) Not Starting
DSB-1156 Torque Spec for Rocker Screw
DSB-1164 Cylinder Head Overheating
 - 5902135 DSB-1156 Torque Spec for Rocker Screw



DSB-1164 Cylinder Head Overheating

