



F088
SERVICE BULLETIN

DECEMBER 06

POSSIBLE INCORRECT REAR SUSPENSION ADJUSTMENT ON IS3100Z MODELS

MODELS AFFECTED			
Brands	Model Nos.:	Serial No. Range:	Description:
Ferris	5900611, 5900612, 5900613, 5901183, 5901186	2000672421 & below	IS3100Z, Zero-Turn Riding Mower

DETAIL

Quality audits indicate that the rear suspension on the machines in the serial number range listed above could potentially be adjusted incorrectly.

INSPECTION

1. Park the machine on a flat, level surface and engage the parking brake. Disengage the PTO switch, turn off the engine and remove the key from the ignition.
2. Refer to Figure 1. Rear tires must be inflated to 15 psi (1,03 bar); front tires to 25 psi (1,72 bar). Measure and record the distance from the top of the left front frame rail to the ground. Measure and record the distance from the top of the left rear frame rail to the ground. If the measurements are the same no adjustment is required on the left side of the machine. If the measurements are not the same, perform the corrective procedure detailed on the following page. Repeat the process for the right side of the machine.



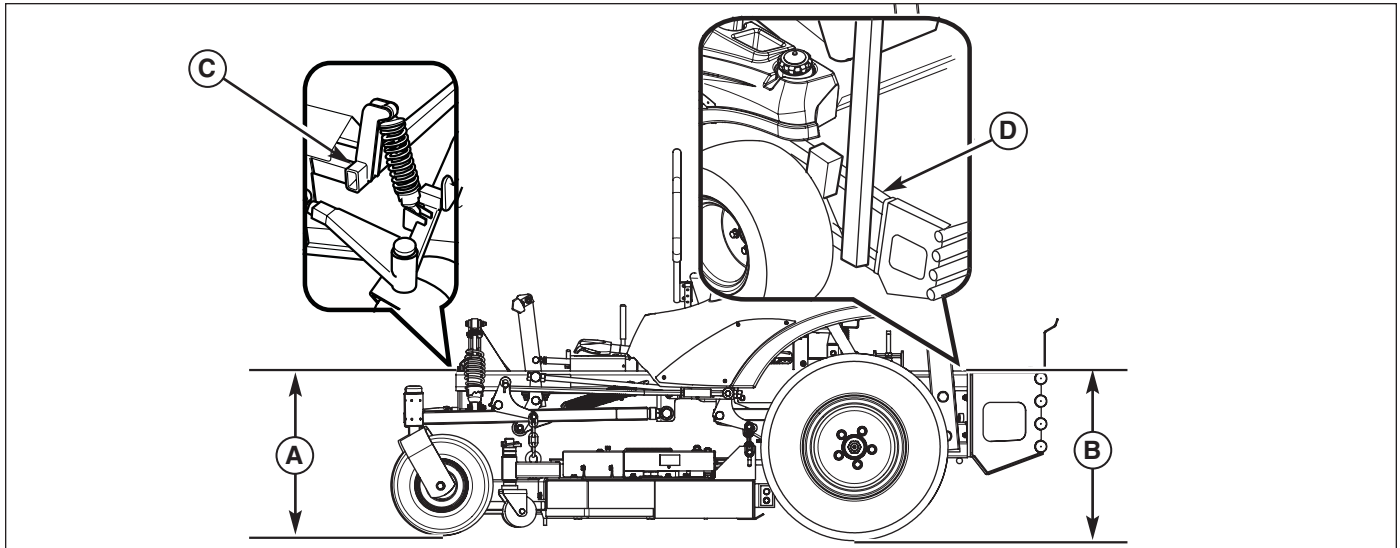


Figure 1. Inspecting the Rear Suspension for Proper Adjustment

- A. Measure Here First
- B. Measure Here Second
- C. Front Frame Rail Location (LH side shown)
- D. Rear Frame Rail Location (RH side shown)

CORRECTIVE PROCEDURES

1. Loosen, but do not remove the upper shock mounting bolt (D, Figure 2).
2. Loosen the top jam nut (B).
3. While holding the bottom jam nut (C) with a tool, turn the adjuster bolt (A) clockwise to increase the height at the rear of the machine, counterclockwise to decrease the height at the rear of the machine.
4. Refer to Figure 1. Measure and record the distance from the top of the front frame rail to the ground. Measure and record the distance from the top of the rear frame rail to the ground. If the measurements are the same, continue with Step #5. If the measurements are not the same, repeat Step #3.
5. Tighten the top jam nut.
6. Tighten the shock mounting bolt.
7. Repeat process for the other side of the machine.

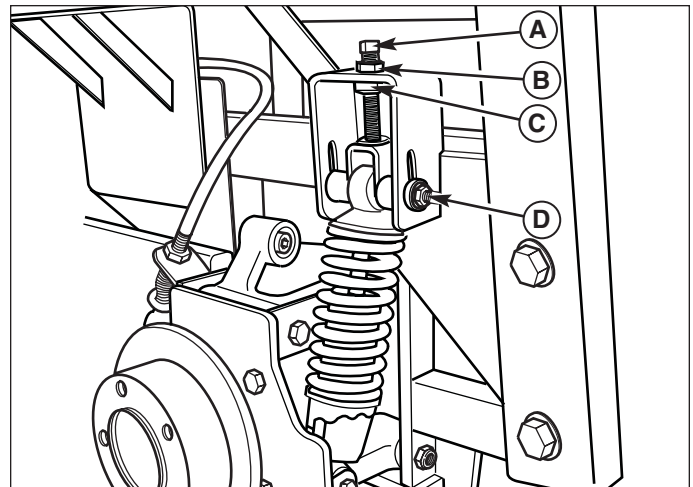


Figure 2. Adjusting The Rear Suspension

- A. Adjuster Bolt
- B. Top Jam Nut
- C. Bottom Jam Nut
- D. Shock Mounting Bolt

WARRANTY INFORMATION

Fill in the Warranty Claim Form with the following information.

Failure Type:	Body/Chassis
Failure Code:	F74
Pickup & Delivery:	N/A
Total Hours:	.2 (Inspection Only), .4 (Inspection and Repair)

Cause of Failure:	AW
Work Performed:	Repaired per Service Bulletin F088
Repair Parts:	Repaired per Service Bulletin F088