



F091
 SERVICE BULLETIN
 APRIL 07

POTENTIAL STEERING CHAIN TURNBUCKLE FAILURE ON THREE-WHEELED RIDING MOWERS

MODELS AFFECTED			
Brands	Part Nos.:	Serial No. Range:	Description:
Ferris	H2220B, H2223K, H3225K, H3227K,	11582 & Above	Three-Wheeled Riding Mower
	5900096, 5900099, 5901035, 5901036,	ALL	
	5900631, 5900651,	2000702489 & Below	

DETAIL

Field reports indicate that units within the serial number range listed above can fail the steering chain turnbuckles.

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. Locate the steering chain turnbuckles (B, Figure 1) in front of the rear steering tire on the underside of the trailer frame beneath the seat.
3. Refer to Figure 2. Inspect the steering turnbuckles to see if the eyebolts have been welded. If the eyebolts are welded, no further action is required. If the eyebolts are not welded, order a quantity of two (2) of part number 5042090 and perform the corrective procedure detailed on the following page.

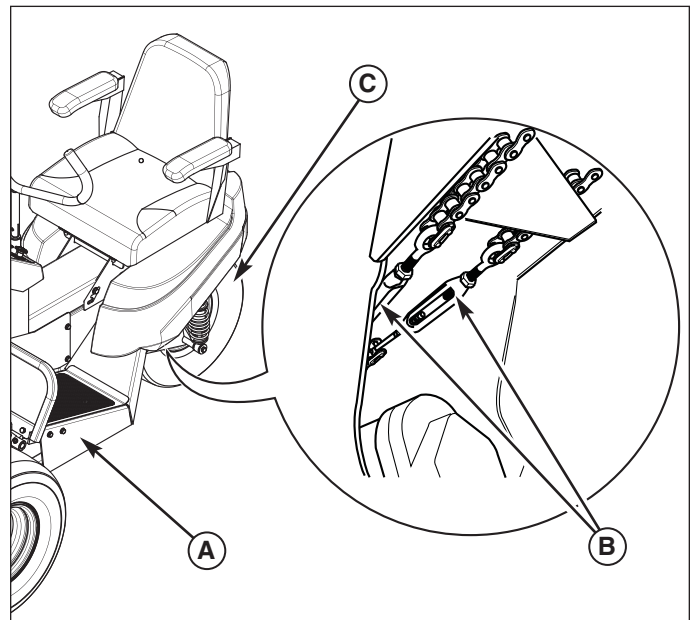


Figure 1. Locating the Steering Turnbuckle
A. Trailer Frame
B. Turnbuckles
C. Rear Steering Tire



CORRECTIVE PROCEDURES

1. Loosen the jam nuts (B, Figure 2) that secure the steering chain turnbuckle.
2. Rotate the steering chain turnbuckle bodies (C) until the chain hangs slack underneath the machine.
3. Remove the four (4) # 40 chain link connectors (A, Figure 3) that connect to the steering chain turnbuckle to the steering chain. Remove the steering chain turnbuckle.
4. Position the rear steering wheel so that it is pointing front to back, and then position the handle bars perpendicular to the rear steering wheel.
5. Install the new turnbuckles into the chain using the four (4) # 40 chain link connectors.
6. Rotate the steering chain turnbuckle bodies until all slack is removed from the steering chain.
7. Tighten the jam nuts (B, Figure 2) tightly against the Steering Chain Turnbuckle Assembly (C).

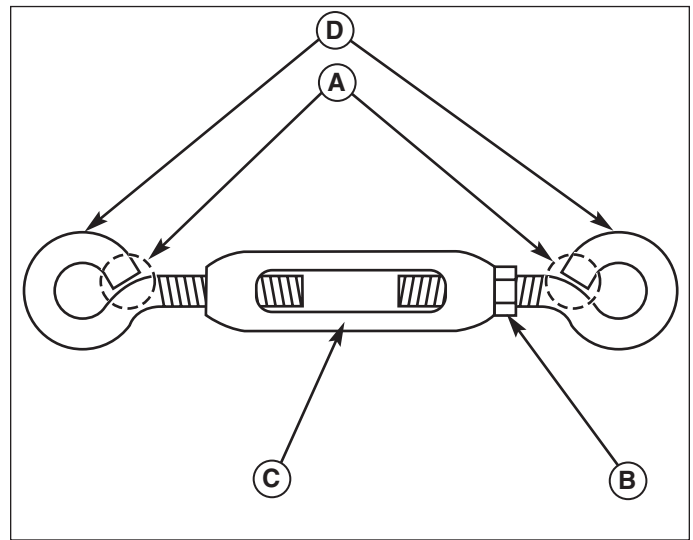


Figure 2. Inspecting the Steering Turnbuckle
A. Weld Points
B. Jam Nut
C. Steering Chain Turnbuckle Body
D. Steering Chain Turnbuckle Eyebolts

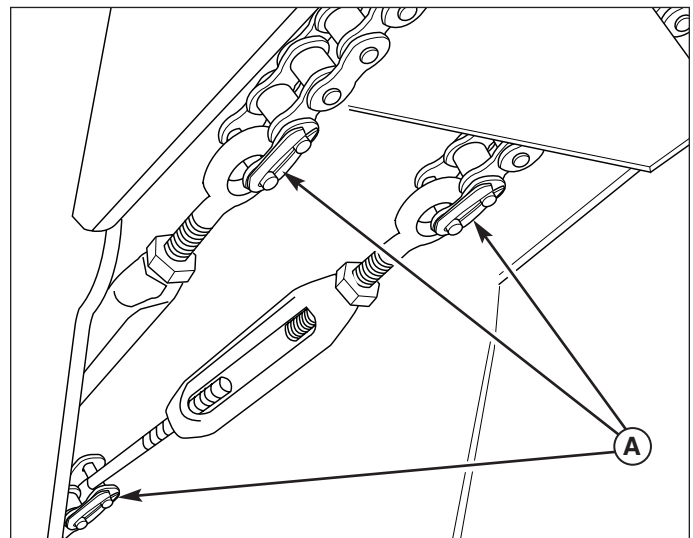


Figure 3. Replacing the Steering Turnbuckle
A. # 40 Chain Link Connector

WARRANTY INFORMATION

Fill in the Warranty Claim Form with the following information.

Failure Location Category:	Body / Chassis
Failure Location Code:	F72
Defect Code / Failure Mode	PM
Control / Evaluation No.:	F091
Pickup & Delivery:	N/A
Total Hours:	0.4

Cause of Failure:	N/A
Work Performed:	Repaired per Service Bulletin F091
Repair Parts:	5042090