

## EFX800-16 Ramp Wheel Truck Noise Repair

### Applies to

EFX800-16 Fixed and Moving Arm models

### Issue/Symptoms

The left or right wheel truck assembly stairarm attachment bolt torque may be less than the OEM specified torque. When the bolt torque is below spec., the wheel truck attachment to the stairarm weldment can loosen causing a metallic ticking or creaking sound emanating from the wheel truck assembly. If not corrected, the loose fit issue can result in damage to the stairarm weldment spindle.

### Resolution

Check that the wheel truck attachment bolt torque is set to 300 in-lbs (25 ft-lbs, 34 Nm). If the Nylock bolt rotates before reaching the specified torque, remove the wheel truck mounting bolt and inspect the condition of the stairarm spindle mount face:

- If damaged, replace the stairarm weldment, the spindle sleeve, and the Nylock mounting bolt.
- If not damaged, replace the Nylock mounting bolt and tighten to OEM specification, 300 in-lbs (25 ft-lbs, 34 Nm).

### Tools required

- 9/16" socket
- Torque wrench: 300 in-lbs (25 ft-lbs, 34 Nm)

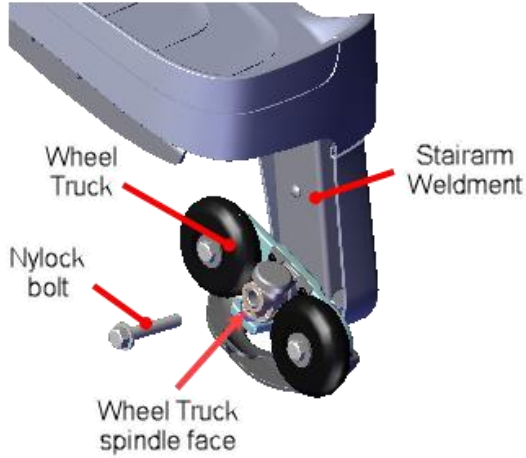
### Parts required

ID	QTY	Part Number	Description
1	1	PPP000000013620101	NYLOCK BOLT, 3/8-16 X 2.00
2	1	PPP000000303511102 <sup>(1)</sup>	WHEEL TRUCK PIVOT SPINDLE SLEEVE
3	1	PPP000000058209101 <sup>(1)</sup>	STAIRARM WELDMENT, FIXED ARM, LEFT
4	1	PPP000000058210101 <sup>(1)</sup>	STAIRARM WELDMENT, FIXED ARM, RIGHT
5	1	PPP000000058207101 <sup>(1)</sup>	STAIRARM WELDMENT MOVING ARM, LEFT
6	1	PPP000000058208101 <sup>(1)</sup>	STAIRARM WELDMENT, MOVING ARM, RIGHT
Notes:	(1) Only purchase part if required.		

### Procedure

Review entire procedure before starting. Refer to service manual for replacement procedures, see [EFX800-16 Service Manual](#).

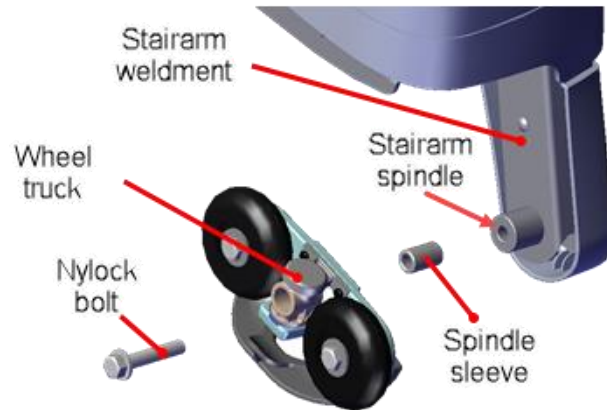
- 1 Make sure the metallic ticking or squeaking noise is isolated to either the left or right wheel truck.
- 2 Re-torque the noisy wheel truck assembly 9/16" Nylock mounting bolt to 300 in-lbs (25 ft-lbs, 34 Nm) (Figure 1). If the bolt rotates before reaching 300 in-lbs (25 ft-lbs, 34 Nm), remove the 9/16" bolt and inspect the condition of the wheel truck spindle face for damage (Figure 2).
  - a If the spindle mount face is damaged (Figure 2), replace the following parts: the stairarm weldment, the pivot spindle sleeve, and the Nylock bolt, tighten bolt to 300 in-lbs (25 ft-lbs, 34 Nm) (Figure 3).
  - b If the spindle face is in good condition, only replace the Nylock mounting bolt. Remove the wheel truck and clean all mounting hardware: the spindle face, the spindle sleeve (inside & outside) and the stairarm weldment spindle of all grease and/or debris. Then attach the wheel truck using a new Nylock bolt, tighten bolt to 300 in-lbs (25 ft-lbs, 34 Nm) (Figure 1).



**Figure 1**



**Figure 2**



**Figure 3**

3 Verify machine operation and return to service.