

Treadmill Lift Motor Actuator Upper Mount Noise Repair

Applies to

All TRM 800.v2 series treadmills

Issue/Symptoms

Noises due to surface galling between the upper lift motor actuator aluminum housing and the zinc plated steel clevis pin.

Resolution

Apply a light layer of grease to the upper lift motor actuator housing and mounting clevis pin.

Tools required

- Needle nosed pliers

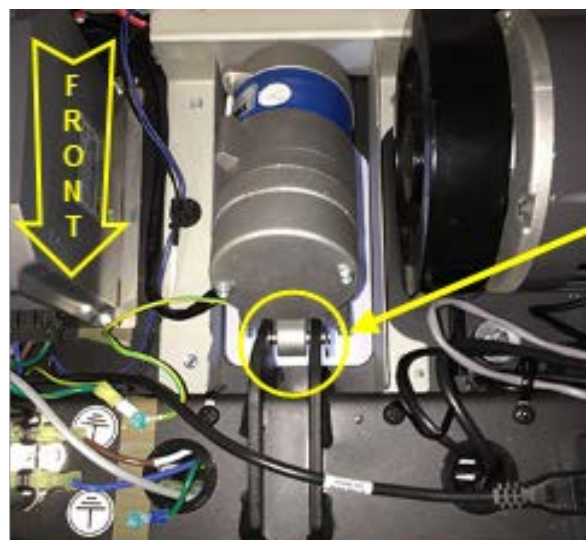
Parts required

QTY	Description
1	Mobll 1™ synthetic grease (pn 53201-0) or equivalent synthetic based grease

Procedure

Read and review entire procedure before starting.

- 1 Remove the hood.
- 2 Remove treadmill weight from the lift platform and lift motor actuator housing mounting bracket.
 - i. Access the Maintenance software (access code 51765761) and use the Hardware Validation INCLINE test to raise and lower the treadmill.
 - ii. Raise the treadmill and place support blocks at each corner of the frame. Then lower the treadmill until the weight is removed from the lift platform. Make sure to use blocks that can safely and securely support the weight of the treadmill.
- 3 Switch the power OFF and remove power from the treadmill.
- 4 Disconnect the upper lift motor actuator housing from the frame weldment mounting bracket. Remove the hitch pin and clevis pin from the upper lift motor actuator housing mounting bracket.



Upper Lift Motor Actuator Housing Clevis Pin

Upper Lift Motor Actuator Housing Mount

- 5 Clean any debris/dirt and apply a light coat of synthetic grease to the inside of the upper lift motor actuator housing clevis pin mounting hole.
- 6 Clean and apply a light coat of synthetic grease to the clevis pin.
- 7 Reinstall the upper lift motor actuator. Replace the clevis pin and secure with the hitch pin.
- 8 Connect power and switch the power ON.
- 9 Remove support blocks from under the frame.
- 10 Verify treadmill incline operation and return to service.