



HEARTBEAT FITNESS REPAIR

SERVICE • REPAIR • PREVENTIVE MAINTENANCE

Factory-trained service for residential and commercial fitness equipment

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How to Care for Your Weight Stack Equipment

OWNER CARE GUIDE | CABLES, GUIDE RODS, PULLEYS & UPHOLSTERY

Selectorized strength equipment is built to last decades, and most of it does. But unlike cardio equipment, when a strength machine fails it usually fails suddenly and under load — a cable lets go, a stack drops, a pin shears. The components that prevent that are all visible and easy to check. If you learn one thing from this guide, make it the cable inspection: a frayed cable is the single most important thing an owner can catch, and it is visible long before it breaks.

WHAT YOU'LL NEED

A Clean Cloth

Soft microfiber for wiping down frame, rails, and contact surfaces.

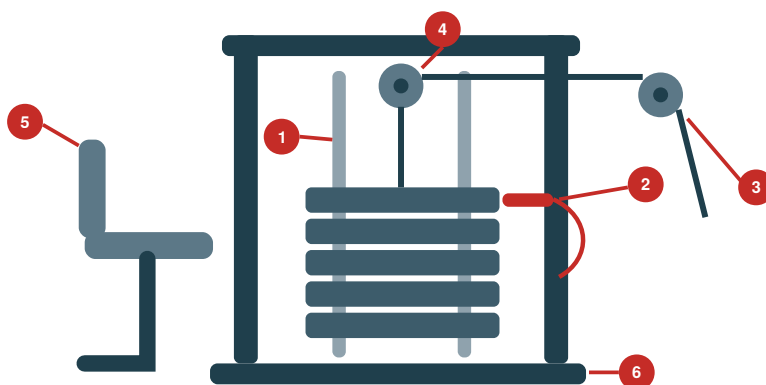
Mild Cleaner

Water with a small amount of mild soap, or a fitness-equipment-safe cleaner. Never bleach or ammonia.

100% Silicone Lubricant

Treadmill/fitness-grade silicone. A light film is all that is ever needed.

KEY SERVICE POINTS



Typical selectorized weight stack showing the components that need routine owner attention.

- 1 Guide rods — wipe clean and lightly lubricate
- 2 Selector pin and retaining lanyard
- 3 Cable — inspect the full length for fraying
- 4 Pulleys and cable routing
- 5 Upholstery, pads, and grips
- 6 Frame hardware and leveling

STEP-BY-STEP OWNER CARE

1 Inspect the cable every month — this one matters most

Select a light weight and pull the cable through its full range slowly, watching the entire visible length as it travels. You are looking for fraying, broken strands, flattened or kinked sections, and any place the outer coating has split or the steel is showing through.

If you find any of these, take the machine out of service immediately and call us. A cable does not fail gradually once strands start breaking — it fails all at once, under load, with someone on the machine. This is the most important inspection an owner can perform, and it takes a minute.

2 Wipe and lightly lubricate the guide rods

The guide rods are the two vertical shafts the weight plates ride on. Wipe them clean with a dry cloth from top to bottom, then apply a very light film of silicone lubricant to a cloth and run it along each rod. A thin film is all that is needed — excess lubricant collects dust and grit and turns into a grinding paste, which is worse than no lubricant at all. Never use grease or petroleum-based products here.

3 Check the selector pin and lanyard

The pin should insert fully and smoothly into any plate and should not be bent, mushroomed, or worn thin at the tip. Confirm the retaining lanyard is intact and attached — that lanyard is what keeps a loose pin from being lost or dropped into the stack. A worn or bent pin can shear under load and should be replaced rather than kept in use.

4 Look over the pulleys

Watch each visible pulley as the stack travels. Every pulley should spin freely and the cable should sit squarely in the groove, not riding up the side or rubbing against the housing. A pulley that no longer turns will saw through a cable surprisingly quickly. Squeaking or a cable that has jumped its groove needs service.

5 Listen and feel as the stack travels

Run the stack up and down slowly. It should move smoothly and quietly, with plates staying flat and level. Grinding, rattling, plates that tilt or bind, or a stack that drops harder than it should are all signs of worn bushings, dirty rods, or a developing cable problem.

6 Clean the upholstery and check the hardware

Wipe pads and grips after each use with a mild cleaner — never bleach, ammonia, or alcohol, which dry out vinyl and cause cracking. Once a month, check that visible frame hardware, seat adjustments, and handle attachments are snug, and confirm the frame sits level and does not rock under load.

RECOMMENDED SCHEDULE

HOW OFTEN	WHAT TO DO
After each use	Wipe pads, grips, and handles; return the pin to a rest position.
Weekly	Confirm the stack travels smoothly and quietly; check the selector pin and lanyard.
Monthly	Inspect the full cable length for fraying; clean and lightly lubricate the guide rods; check pulleys and hardware.

Every 3–6 months

Inspect upholstery for splits and check frame leveling and all adjustment mechanisms.

Annually

Schedule a professional preventive maintenance service.

PLEASE AVOID

- ✗ Using the machine if the cable shows any fraying or broken strands — no exceptions.
- ✗ Over-lubricating, which collects grit and grinds the bushings.
- ✗ Using a bent, worn, or substitute selector pin.
- ✗ Grease or petroleum products on guide rods; light silicone only.
- ✗ Dropping or slamming the weight stack, which shock-loads cables and hardware.
- ✗ Bleach, ammonia, or alcohol cleaners on vinyl upholstery.

WHEN TO CALL US

STOP USING THE EQUIPMENT AND SCHEDULE SERVICE IF YOU NOTICE

- ▶ Any fraying, broken strands, or kinking in a cable
- ▶ A pulley that squeaks, sticks, or no longer spins freely
- ▶ The cable has jumped out of a pulley groove
- ▶ The stack binds, tilts, grinds, or drops unevenly
- ▶ A bent, worn, or missing selector pin, or a broken lanyard
- ▶ Torn upholstery, a loose seat or back pad, or a frame that rocks under load

Would you rather we handle it?

Owner care keeps your equipment running between visits, but it is not a substitute for professional service. A full preventive maintenance visit includes internal cleaning and inspection, drive system and wiring checks, hardware torqued to manufacturer specification, calibration, and full operational testing — so small issues are caught long before they turn into expensive repairs.

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