

Lock Depot Inc

Glynn Johnson Overhead Stop Installation Guide

Header & Frame Preparation

Inspect header condition before installation. Verify structural integrity; weak headers may not support stop. Remove old stop completely, patch holes. Install new stop in same location for optimal results. Verify header thickness accommodates fasteners.

Arm Adjustment

Overhead stop arm controls closing speed and range. Adjust tension via threaded adjuster. Lighter doors: minimal tension. Heavier doors: increased tension. Test with graduated force; adjust for smooth closing at approximately 15 lb effort.

Hold-Open Mechanism Setup

If equipped with hold-open, verify hook engages door at 90 degrees open. Test hold-open function at various opening angles. Adjust stop position if required. Ensure hook releases freely under operator push.

Backcheck Adjustment

Backcheck prevents rapid opening deceleration. Adjust tension to slow rapid opening without creating binding. Prevents injury from sudden acceleration and reduces frame stress. Test with various opening speeds.

Spray Dampening Mechanism

Some models include internal dampening. Verify oil level (if visible inspection port available). Replacement dampening cartridges available for worn units. Environmental temperature affects dampening fluid viscosity; verify operation across seasonal range.

Final Testing

Operate door 20-30 times at various speeds. Listen for unusual noises. Verify smooth closing and consistent hold-open function. Make final adjustments as needed. Document any deviations from expected performance.