

Rhino Rail Lift Gates Maintenance

FPM Inc. Rhino Rail Lift Gates are designed to give years of service with proper maintenance please follow recommended maintenance procedures.

Daily check lift gate for proper operation:

Lubricate internal sliders with lithium grease through grease zerks provided on 10ft rail. Slider and track should also be lubricated with STP oil treatment or similar by pouring fluid down the rails. It is extremely important that rails be kept lubricated and free of any grime or road gravel that could get inside the rails. Pressure wash and flush with light oil if this happens. Run lift up and down until smooth travel is obtained.

Lubricate roller chain with proper chain lubricant or SAE 30 oil

Remove ram box cover, clean and lubricate ram track weekly

Grease all sprocket roller bearing 11 in total with lithium grease weekly

Check 5ft. internal slides for wear. If tube shows wear of over 1/16" replace with new slider.

For 12 volt power system check all electrical connection for corrosion and clean as needed. Electrical pump box should be cleaned weekly.

Hydraulic fluid should be checked daily and fluid added if needed. All lines and pumps should be flushed yearly and fluid replace. Type "A" ATF fluid is recommended for electric hydraulic units. For PTO systems consult pump manufacturer.

Check all hydraulic hoses and fittings for possible cracks or leakage and replace as needed.

All warning labels need to be in place and legible to operator. FPM Inc. will replace all warning labels at no charge to customer simply call and request. FPM Inc. 402-729-2264

Platform adjustment:

First remove hydraulic ram box cover.

Platform should be level with floor of trailer. To adjust platform side to side level with roller chain adjusting bolts located inside hydraulic ram box. Lower platform to ground turn top nut in to raise right side of platform and bottom nut in to raise left side of platform. Never unthread chain adjusting nut beyond nylon lock.

Platform tilt front to back can be adjusted by turning 3/8" chain on the right and left hand side of platform 1/2 turn at a time and reinstalling.

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