

XR Vac Filter & Tank Updates

Type of Bulletin: Product Change Bulletin

Date of Bulletin: 1-26-2012

This Bulletin Supersedes Bulletin(s): NA

Models Affected: XR Rider Scrubber

Machine Symptoms: Vacuum Motor Damage from foam/dust and reduced squeegee performance from crushed hoses.

Scope of Bulletin: We found that customers were running foam and dust through the vacuum motors, leading to early failure. We also found the front vacuum hose was regularly crushed when operators tipped back the tanks and forgot to properly place the hose first.

Inspection: This is not a retrofit item

Correction: . The new Vacuum filter box will protect the vacuum motors further, but does require regular inspection and filter replacement. The Box still contains a drain valve at the bottom to release fluid when the vacuum motors turn OFF. The vacuum motors are now mounted in the opposite direction, which eliminates the potential for a customer to catch the hopper on cylindrical decks, and thus difficult to detect vacuum leaks.

Relocating the vacuum hose from the front to the back will reduce the potential for damaged hoses and reduced drying performance.

Serial # break: 63205

Production Date: 12-21-2011

Vacuum Filter Part #: 370-4087 (Bag of 5)

Pricing for Filters: MSRP \$: 5.24 (Bag of 5)

XR Tank Part #s:

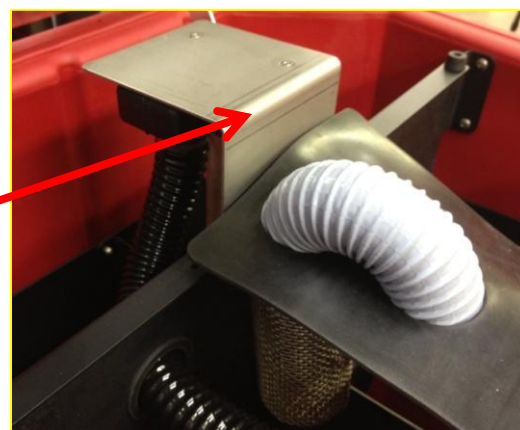
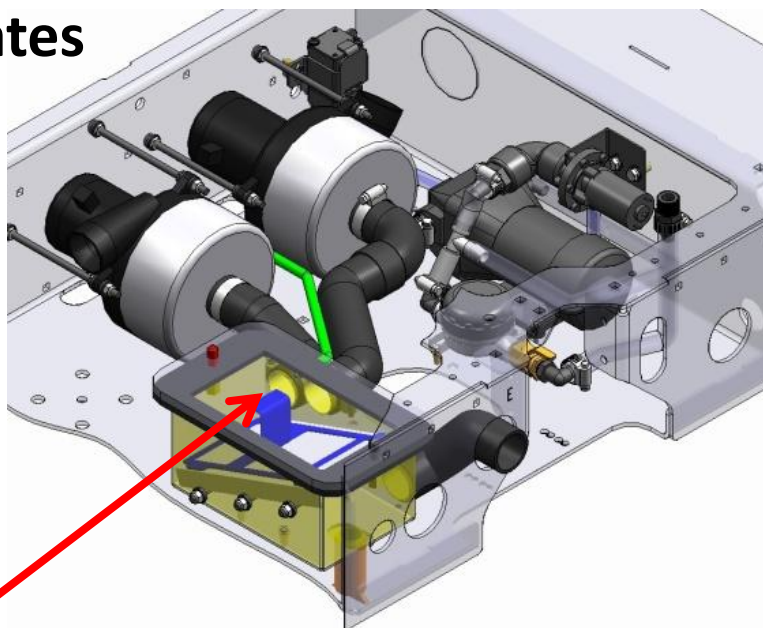
Red: 370-4140 – OLD / 370-4142W – NEW

Granite: 370-4141 – OLD / 370-4143W – NEW

XR Stainless Adjustable Bracket #s:

370-1122 – OLD / 370-1123 NEW

NOTE: Changed on Serial # 61232 on 6-22-2011



A 3D CAD model of a mechanical assembly, likely a pump or motor unit, shown in a cutaway view. The assembly is mounted on a light gray base plate. It features a large black cylindrical component, a smaller black cylindrical component, and a complex network of black and silver pipes and fittings. A yellow rectangular box highlights a specific component, which appears to be a small blue and yellow valve or fitting. A red arrow points to this highlighted component. The model is rendered with realistic shading and textures, showing various bolts, screws, and structural details.

Filtered Air: Air has passed through filter, removing dust and small debris.

Filter Plate: Must be installed with tab facing indexing pin. Secures

Recovery Tank
Potentially "dust" air is pulled from Foam Float Scraper

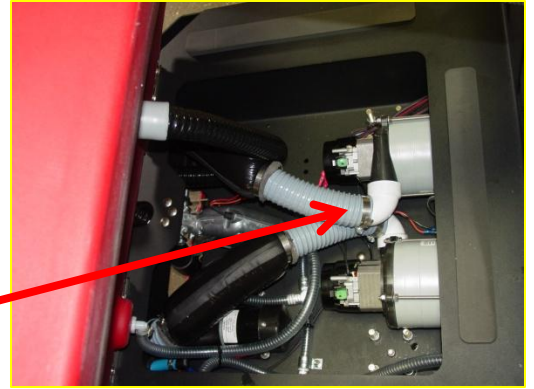
Disposable “white” Filter:
Traps dust and foam pulled through Rec. Tank screen.

Unloader Valve: *Drains out moisture from Box*

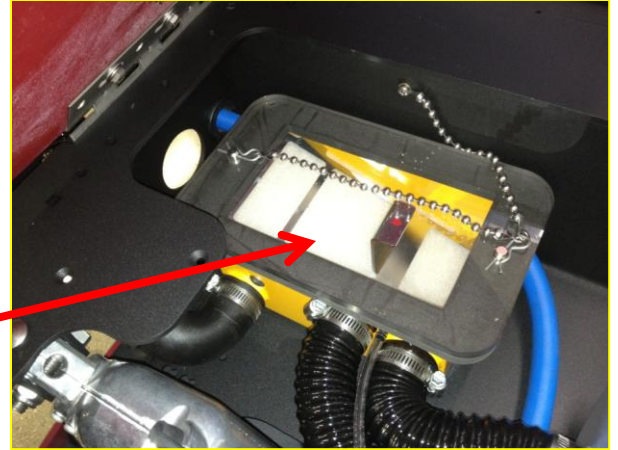
XR Vac Filter Update



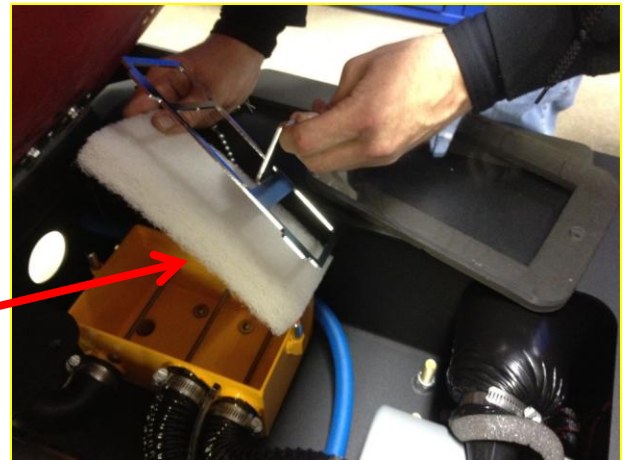
Older Style: *Had Vacuum motors mounted forward.*



Clear Cover: *Allow for quick visual inspection during daily PM.*



Cover Off : *Reveals the metal grill to hold filter down and large white filter.*

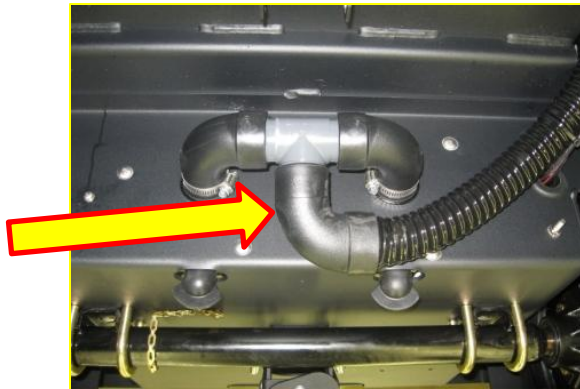


Pack of 5 Filters: *Available from our Parts Department under 370-4087. New machines come with a bag of 4.*



XR Vac Hose Relocated to Rear

Prior Hose Location: *Was common for customers to have the hose pinched between the tank and the battery box, which reduces airflow and squeegee performance. It also routed close to the cylindrical hopper, allowing for small leaks at a difficult to trouble shoot point.*



New Hose Location: *The vacuum hose is missing from the front, and now installed at the rear of the tank. This makes tipping the tank back for service easier and reduces crushed hoses.*

Tank Part Numbers are Different Now:

Red

370-4140 – Old

370-4142 W– New

Granite

370-4141 – Old

370-4143 W– New



XR Squeegee Hose & Adjustable Bracket Update

XR Stainless Adjustable Bracket #s:

370-1122 – OLD

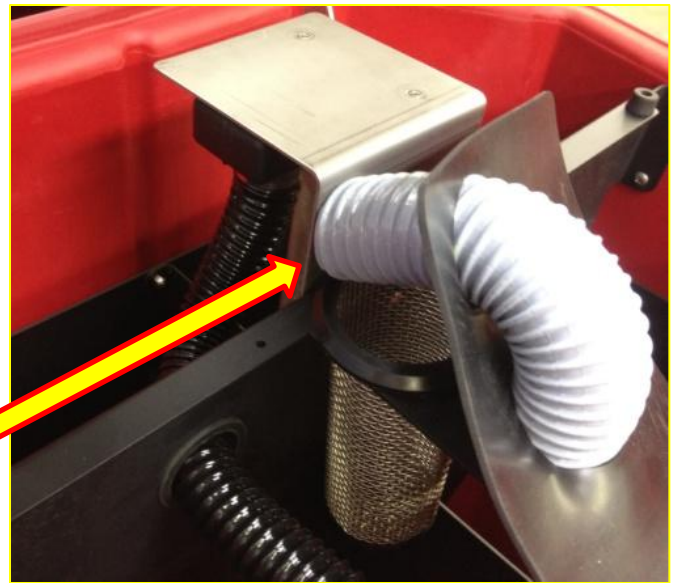
370-1123 NEW

NOTE: Changed on Serial # 61232 on 6-22-2011



New Wider Bracket: *This is part#: 370-1123 and it creates a barrier between the incoming dirty water hose from the squeegee and the stainless screen the float ball is inside. We found customers wouldn't properly install the hose into the drain saver basket.*

You can see from the attached photo that when the hose is out of the basket, it was pointed directly at the screen. Also, so customers remove the drain saver basket completely. It is important that the incoming squeegee hose is properly pointed down through the hole as shown in the bottom image.



Properly Installed Hose: *When installed correctly the hose is directing the dirty water into the basket, and on the opposite side of the baffle.*

