

## 2014 Veris MSP3 Upgrades

*All 2014 MSP3 units are equipped with several product enhancements that can be retro-fitted on 2013 and older MSP3's. Please take a look at the following upgrades, determine which ones are of interest to you, and contact our parts department to place an order*

Phone: 785-825-1978

Email: [support@veristech.com](mailto:support@veristech.com)

### **PN 221201 Rockguard Wearplate Replacement Kit - S-7**

**Price: \$119.00**

This new OpticMapper wearplate is machined from S-7 tool steel and features the time-tested tungsten carbide insert of the current wearplate. New to this wearplate are the raised fins on each side of the sapphire window protect the window from rocks. S-7 has excellent hardness and wear resistance, and is superior to the 4140 carbon steel of the current wearplate. Includes wearplate, mounting bolts and sealing o-ring.

S-7 Rock Wearplate

Standard Wearplate



**PN 220466 Optical module Mount arm**

**Price: No Charge**

In sticky soil conditions there has occasionally been mud buildup between the mount arm and the double disk mounting bar. This 2014 contoured mount fits more closely to the profile of the opener frame and reduces buildup. Photos below with disks removed shows the two designs. This retrofits with existing rolled pin and bolts.

**2010-2013 arm**



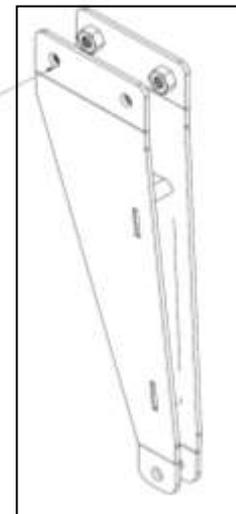
**2014 Contoured arm**



**PN 2220488 Webbed Vertical Arm Mount**

**Price: No Charge**

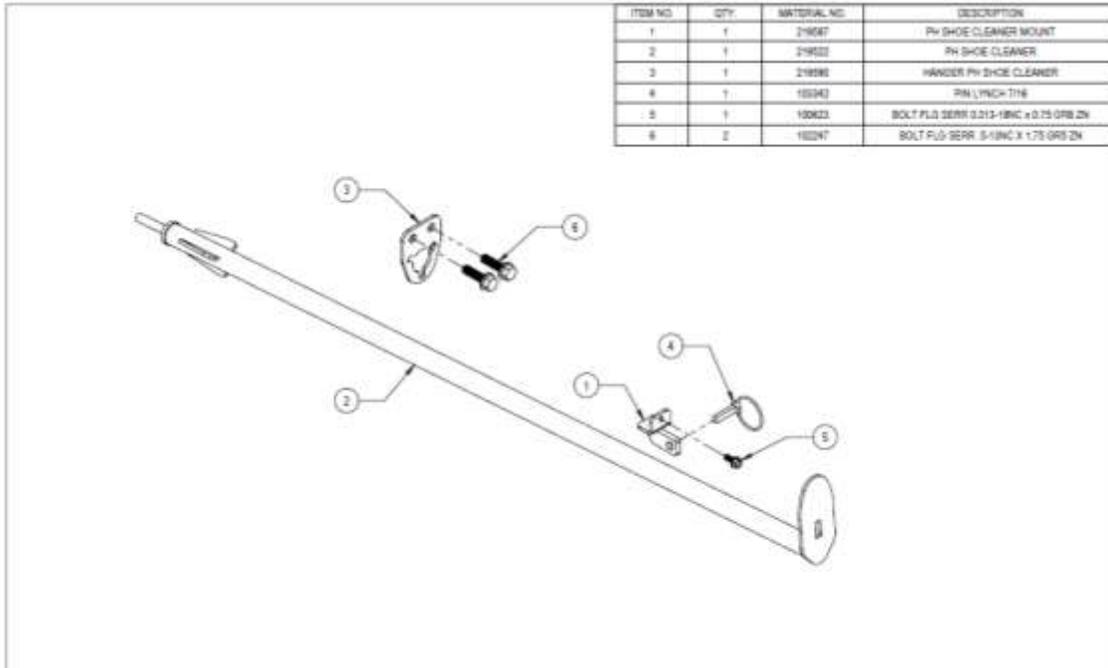
There have been some instances in which the vertical plates that support the optical module have flexed out of position when encountering large stones. The 2014 models have a new webbed weldment that ties the left hand and right hand plates together to increase load bearing capacity. This also retrofits with existing fasteners.



**PN 219600 pH Sampler Cleaner Kit**

**Price: \$94.60**

This handy tool mounts on the left hand side of the pH sampler frame, for easy access. The flat blade quickly rakes soil buildup from soil sampler, and the pointed end further cleans the cutting shoe of sticky clay. Installation involves drilling and tapping frame for shoe cleaner mount (item 1)



**PN 2221060 pH Camera Mount Kit**

**Price: \$34.60**

This allows monitoring of the pH sampler with the camera of your choice (Voyager ToughCam shown)



**PN 221197 Gauge Wheel depth adjustment kit**

**Price: \$68.00**

Last season, some customers experienced breakage of the “T” handle depth adjustment on extremely rough fields. Consequently, for 2014 we have modified the adjuster to a low profile design and have included a separate adjustment tool that stores on the unit for easy access. Installation does involve removing the existing “T” handle on row unit and mounting the storage lug on the MSP tank mount



**PN 221212 Spring adjustment tool**

**Price: No Charge**

Adjusting the spring down pressure on the OpticMapper row unit can be accomplished with a standard 1-1/8" wrench, but frame clearance makes this a bit of a challenge. This handy wrench allows adjustment using a standard 1/2" drive ratchet, and makes this a much simpler task.

