



# MKT ESC INSPECTION GUIDE

These are the key areas that MKT Manufacturing would suggest that you inspect regularly.

# INSPECTION

First start with standing the Vibratory Hammer vertical



Next look for any obvious signs of damage or wear. Check that all fasteners (nuts & bolts) are tight





## CLEAR THE AREA

Verify all personnel are clear of the vibratory hammer before proceeding to the next step.



# INSPECTION

Next inspect the functions of the unit

- Verify that all functions are working correctly and at Manufacturers specifications
- You can reference the appropriate MKT installation guide to the Esc that is being inspected on MKT's Website at [www.mktpileman.net](http://www.mktpileman.net) for proper function of the unit

While operating each function check the following

- Check all hydraulic fittings and connections for damages or leaks
- Check all hoses for damages or leaks

# INSPECTION

Inspect the rubber elastomers on the suspension housing for damage such as nicks or tears



Also inspect the ones on the side clamp for damage such as nicks or tears





## PINCH POINT HAZARD

Make sure the Engine to the power unit and/or the excavator is turned off prior to inspecting the jaws.

After shutting the engine off try to operate the jaws to verify there is no hydraulic pressure to activate the jaws.

Lock out the engine start up controls before proceeding to the next steps.



# INSPECTION

## **NOTICE**

Instructions on how to use the Mkt Esc jaw gauge can be found on the Mkt website [www.mktpileman.com](http://www.mktpileman.com)

Inspect each of the jaws on the side clamp. Use the Mkt Esc Jaw Gauge to judge wear on the jaws



Inspect each of the bottom clamp jaws. Use the Mkt Esc Jaw Gauge to judge wear on the jaws.



# INSPECTION

Inspect the chrome shaft on the side clamp cylinders for damage to the chrome



Be sure to check the back and bottom side of the shafts also

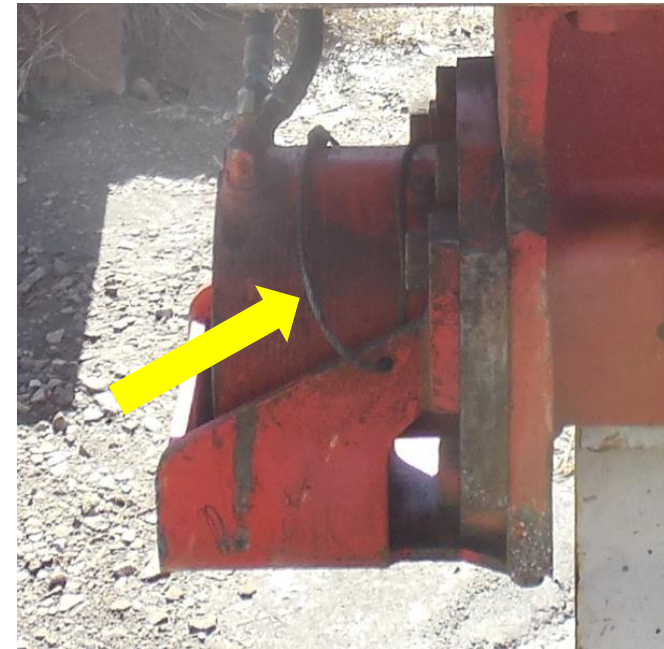


# INSPECTION

Check that the motor guard Safety Cable is in place and in good condition



Check that the clamp cylinder guard Safety Cable is in place and in good condition



# INSPECTION

Check that the jaw guides have not been modified in any way



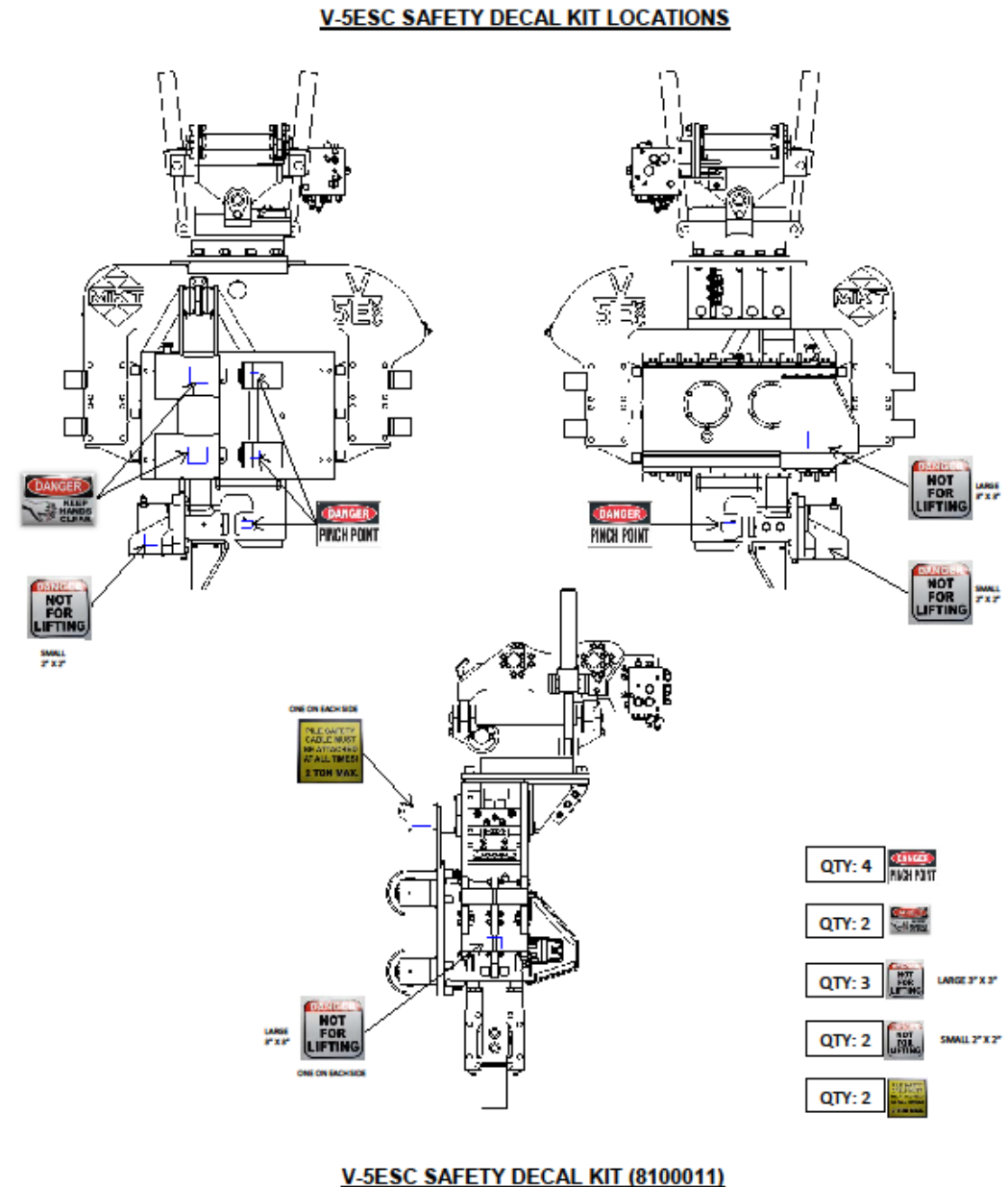
Check that the mounting ears on the rotate motor are not broken



# INSPECTION

## Mkt V-5Esc Safety Decal placement

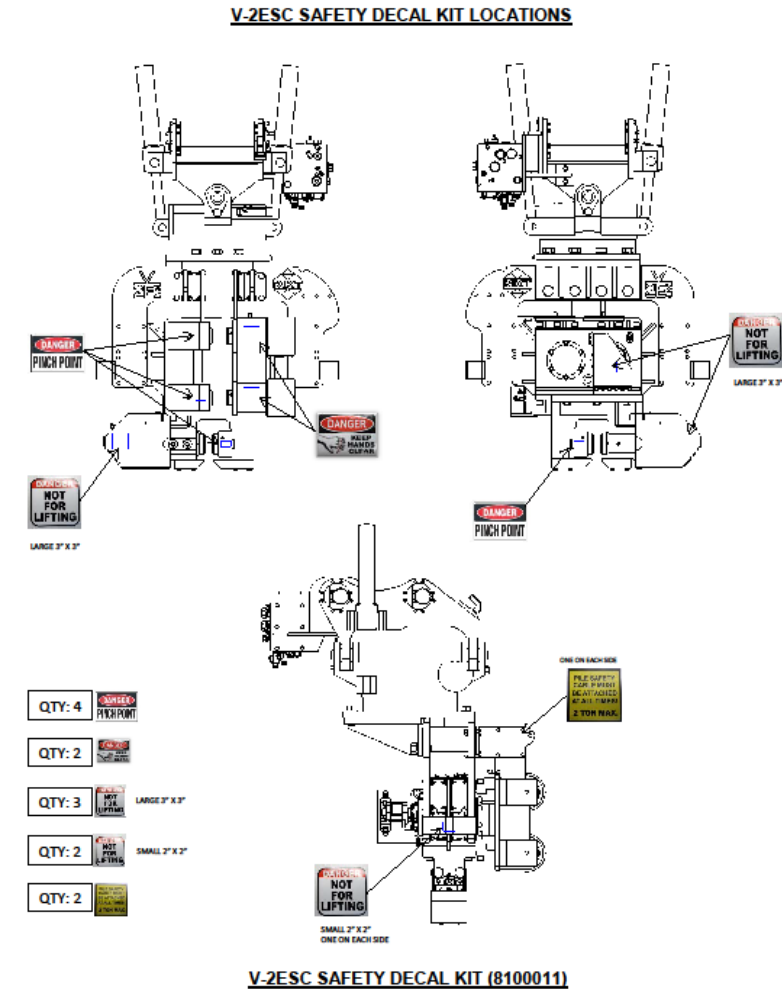
Verify all safety decals are in place and legible for the end user



# INSPECTION

## Mkt V-2Esc Safety Decal placement

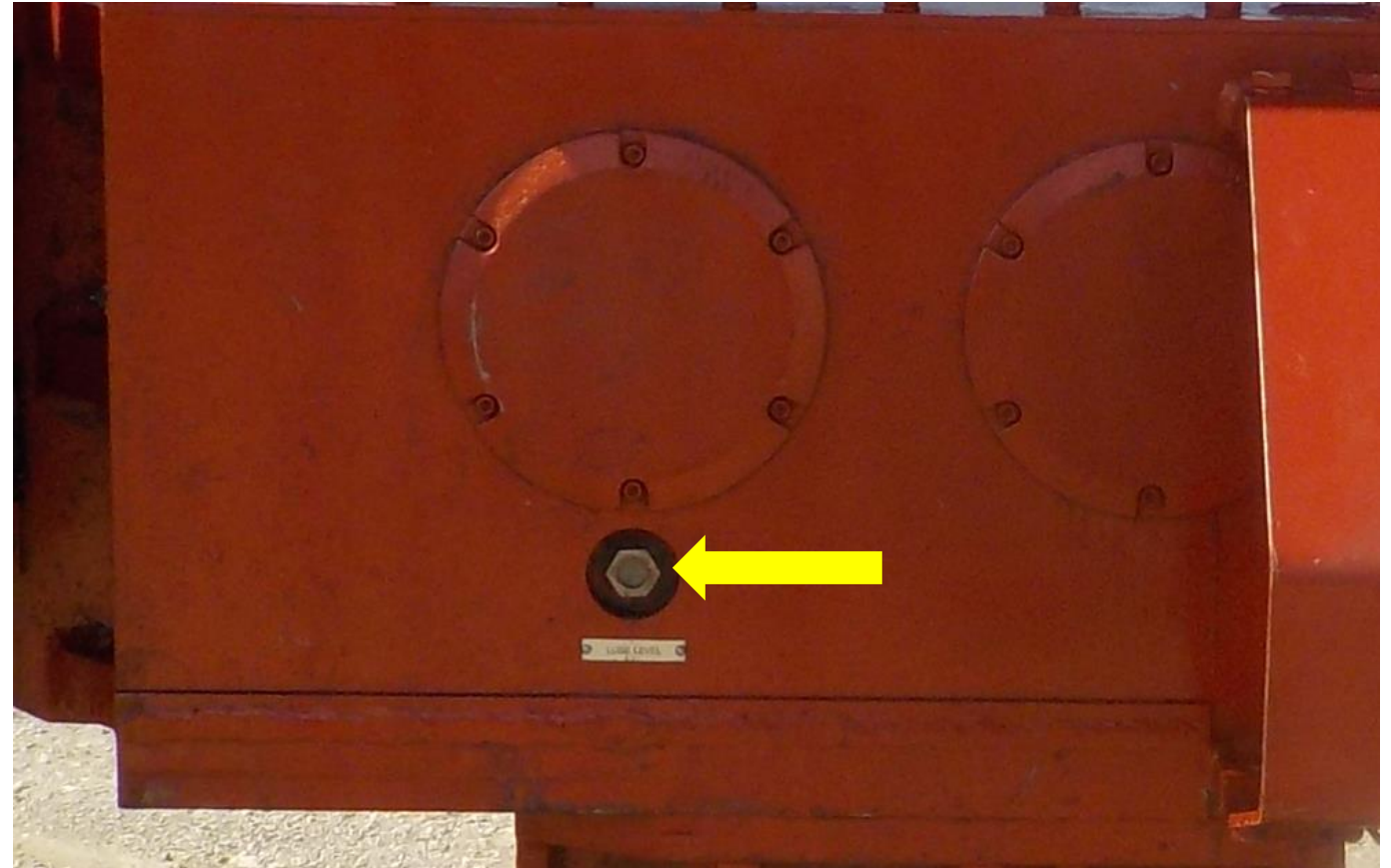
Verify all safety decals are in place and legible for the end user



# INSPECTION

Check lube oil level

Lube oil should be between  $\frac{1}{2}$  to  $\frac{3}{4}$  full on the site glass.



# INSPECTION

Check the hour meter located on the Junction box

Service intervals for the exciter case are every 50 hours or as needed.

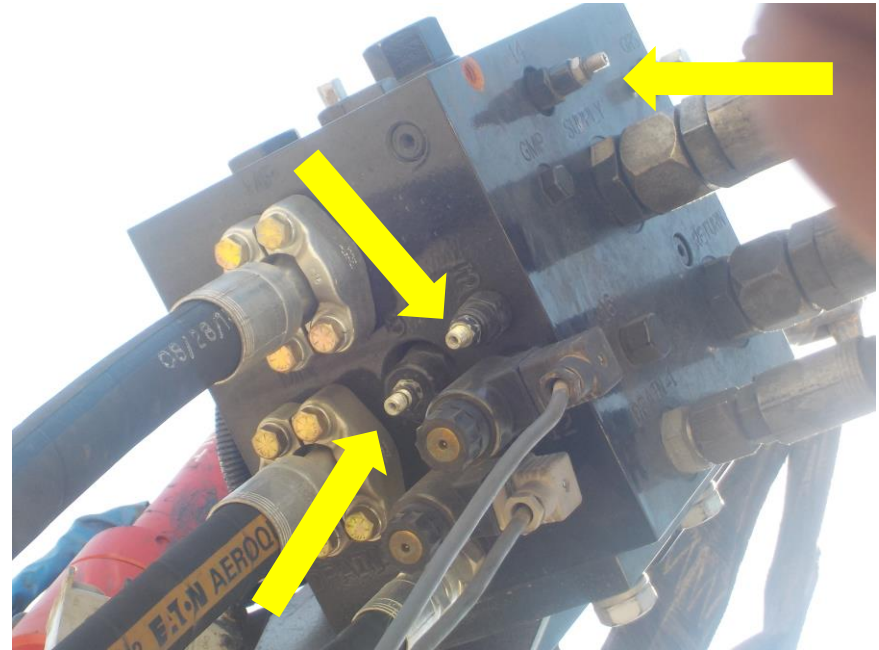


# INSPECTION

Check all fittings and cartridges on the Manifold Valve.



Check if any of the adjustable cartridges have been hit or damaged. This can change the pressure setting.





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