

CHECK SCALE ALIGNMENT



Part of MWO 9-1025-21-50-5 (Jun 93) for the M198 towed howitzer included the installation of new equilibrator adjustment scales, NSN 6695-01-386-2774 and 6695-01-386-8345. Unfortunately, the installation instructions were a little faulty.

The instructions said to use the old scale's bottom screw hole for locating the new scales. That didn't take into account the amount of space left above or below the slide, NSN 5340-01-040-0623.

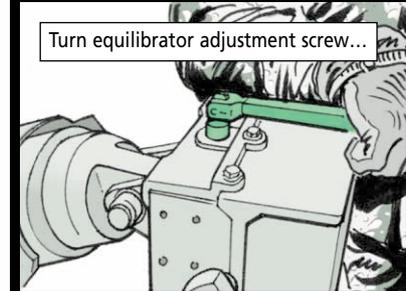
With the new scales located by the old scale's bottom screw hole, the slide's pointer can't be adjusted up to the +3 setting. Trying to manhandle the adjusting screw to force the slide up puts pressure on the top carriage tower's weldment. The end result is a cracked or bent weldment.



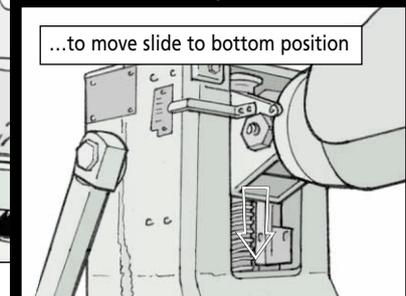
MOST OF THE M198s THAT WERE IMPROPERLY MODIFIED HAVE BEEN FIXED. SOME HAVEN'T.

YOUR MECHANIC WILL NEED TO MAKE SURE YOUR HOWITZER'S EQUILIBRATOR SCALES ARE CORRECTLY POSITIONED BY DOING THIS...

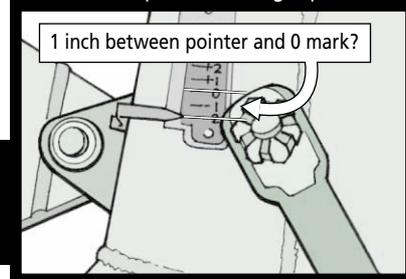
1. Depress the cannon to a near-level elevation.



2. Use the equilibrator adjustment screw to move the slide in the minus direction until it's at its lowest position.



3. Measure up 1 inch from the slide's pointer. If the measurement is aligned with 0 on the scale, the howitzer is good to go. If it's not on 0, contact DS maintenance. They'll reposition the scale and drill new holes to put it in the right position.



ORDER PARTS, NOT WHOLE KIT

WHEN YOU NEED NEW SUPPLIES FOR THE G/VLLD CLEANING KIT, DO NOT ORDER THE ENTIRE KIT, NSN 1260-01-151-2698.

THE KIT COSTS MORE THAN \$170. YOU CAN ORDER THE INDIVIDUAL PARTS OF THE KIT FOR LESS THAN \$110 WITH THESE NSNs...

Screw cap bottle, NSN 8125-00-824-9058
 Brush, NSN 7920-00-205-0565
 Lens paper, NSN 6640-00-663-0832
 50 plastic bags, NSN 8150-00-137-9133

