

---

# PAINTING AND MOUNTING INSTRUCTIONS FOR LANDING GEAR AND OTHER JACK ASSEMBLIES

---

**PAINTING OF LANDING GEAR JACKS.** Some landing gear jacks are shipped as unpainted units. The unpainted landing gear jacks are shipped with a coat of rust inhibitor. This must be removed before painting. The rust inhibitor is a petroleum based product. These are the rules for cleaning and painting the jacks:

1. The jack rod should be fully retracted before cleaning or painting the landing gear jack.
2. A pressure wash is acceptable.
3. Any cleaner, solvent or surface prep material used to clean or prepare the metal for painting must be compatible with the material Hytrel.
4. At NO time should the temperature of any material used to clean or prep the landing gear jack or should the temperature of the landing gear jack exceed 180 degrees Fahrenheit. Temperatures exceeding 180 degrees can melt the jack rod seals causing leaks or premature failure.

## **CAUTION: WELDING IS NOT PERMITTED ON THE BARRELS**

**OF LANDING GEAR JACKS.** At no time should there be any welding done on the jack barrel or any brackets that have been welded to the barrel by HWH Corporation. Any welding to the barrel or attached brackets can cause the tube to become distorted or melt the jack rod seals. This will cause premature failure of the jack or melt the jack rod seals which will result in leaks and/or sticking jacks.

## **WHEN WELDING OR GRINDING NEAR THE LANDING GEAR JACKS, THE JACK RODS MUST BE**

**FULLY RETRACTED.** Weld or grinding splatter will ruin the plating of the rods which will cause seal damage that will result in leaks. Welding is permitted for landing gear mounting brackets that are not already welded to the

Welding is permitted for landing gear mounting brackets that are not already welded to the landing gear jacks by HWH Corporation.

**Welding is not permitted** on mounting brackets, pivot brackets, gussets or other material supplied by HWH Corporation that is less than 3/16" thick.