

# RUBBING AND SHAKING NOT ALLOWED



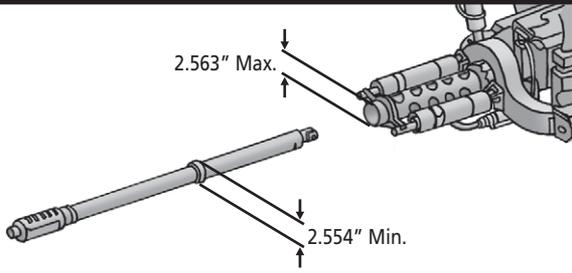
ARMAMENT CREWS, IF YOU'RE PICKING UP VIBRATIONS FROM THE BARREL OF YOUR AH-64'S M230 AUTOMATIC GUN, PUTTING A PIECE OF PAPER BETWEEN THE BARREL AND THE BARREL SUPPORT IS **NOT** A PERMANENT FIX.

It may stop the vibration in the short term, but it will create long term problems if you don't locate the root cause of the problem.

It's a chore trying to find the source of the vibration but it can be done. Locating and repairing vibration problems will help your M230 fire straight and true.

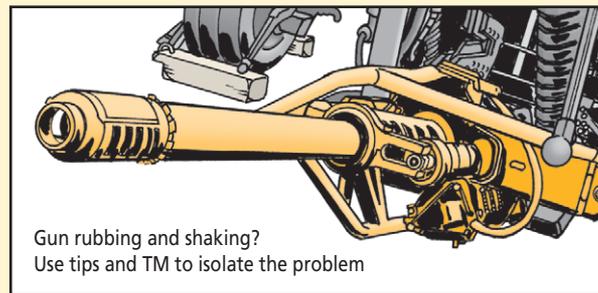
USE THESE TIPS TO SHAKE DOWN THE VIBRATION PROBLEM.

- With barrel removed, check the front inside diameter of the barrel support for excessive wear. The diameter should be no more than 2.563 inches (65.1 millimeters).
- Check the mating area (raised area where the barrel contacts barrel support) for excessive wear. The diameter of the raised portion should be no less than 2.554 inches (64.8 millimeters).



- Use calipers to measure at several locations around the diameter. Replace parts where the damage exceeds the limits.
- Make sure your recoil adapters are properly serviced and check out the vibration related fault isolation procedures (Armament System FIPs) in your TMs.

These tips and other measurements for checking turret vibration have been added to tasks in IETM 1-1520 Longbow Apache and in TM 9-1090-208-23-1-1. Look for them in upcoming changes.



Gun rubbing and shaking?  
Use tips and TM to isolate the problem

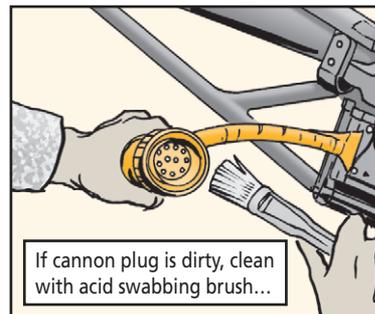
# THE RIGHT TOOL FOR CLEANING



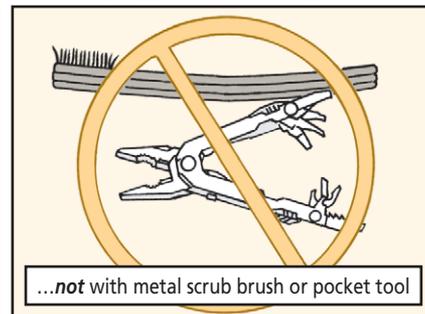
**M**echanics, use the proper tools and materials to clean the 30mm gun motor cannon plug on your AH-64s

When cleaning gun parts, the right tool always does the best job. The wrong tool, like your handy-dandy pocket tool, causes damage.

Clean the grit and corrosion from the cannon plug and its pins with an acid swabbing brush, NSN 7920-00-514-2417, and isopropyl alcohol, not a pocket tool.



If cannon plug is dirty, clean with acid swabbing brush...



...not with metal scrub brush or pocket tool

A pocket tool is handy for all types of things, but not for a cannon plug. It can cause damage to the plug and pins.