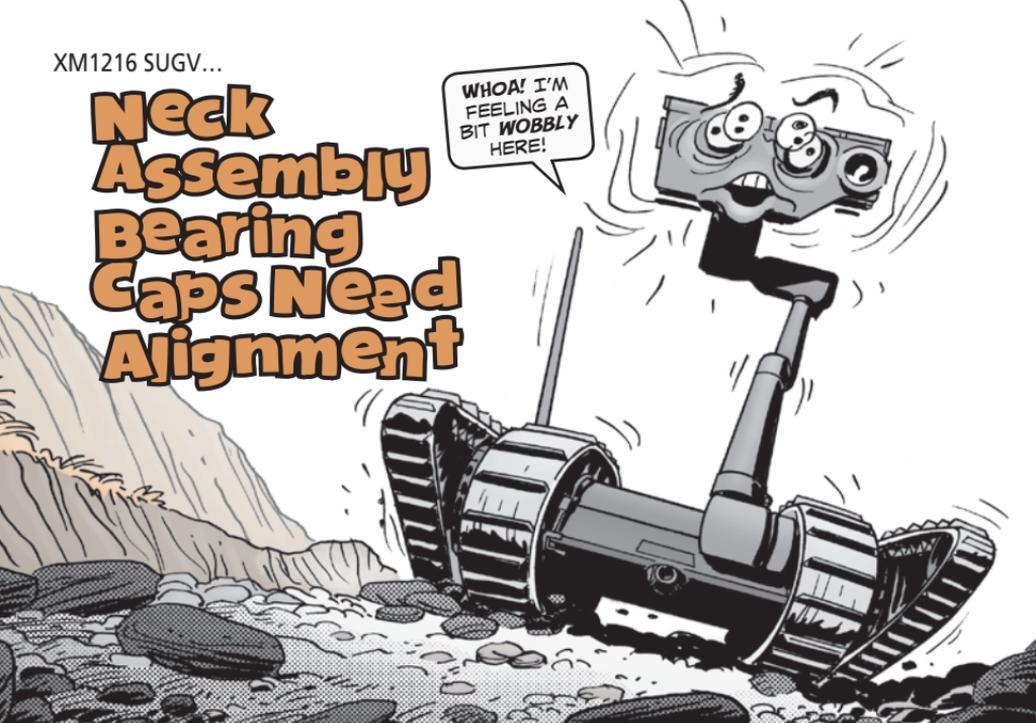


Neck Assembly Bearing Caps Need Alignment

WHOA! I'M FEELING A BIT WOBBLY HERE!



Over time, vibration can cause the XM1216 small unmanned ground vehicle's (SUGV's) small actuator bearing caps to loosen.

When that happens, the neck assembly can loosen, too. That means the robot's head and neck can wobble. Talk about a hard-to-watch picture!

As part of your before and after PMCS, check the alignment marks on the vehicle's neck assembly bearing caps. If they're off by $\frac{1}{16}$ inch or more, send the SUGV to sustainment maintenance for repair.

HERE'S WHERE TO LOOK FOR THE ALIGNMENT MARKS...

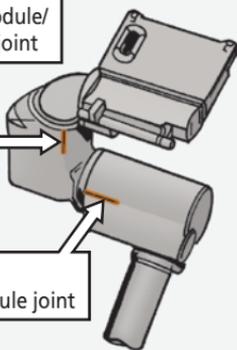


PS 728

Check alignment marks in these areas

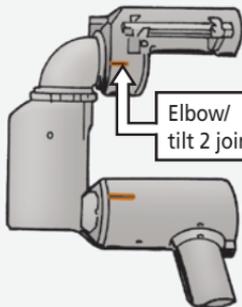
Pan module/
elbow joint

Tilt 1/
pan module joint



16

Elbow/
tilt 2 joint



JUL 13