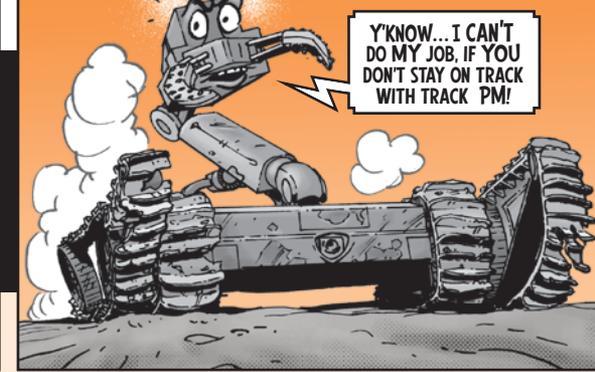
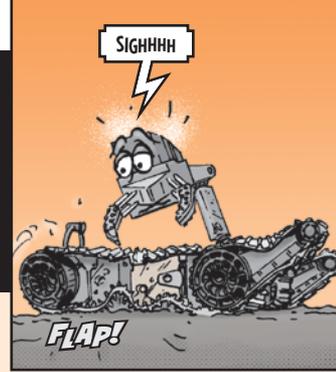
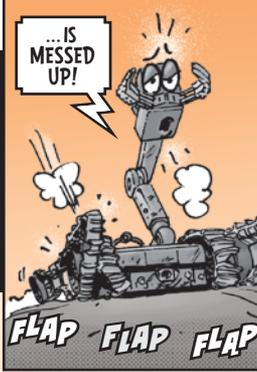


Stay on Track with Robot PM



Keeping your 310 small unmanned ground vehicle (SUGV) mini-EOD robot on track for ordnance disposal, surveillance and reconnaissance operations takes a little work on your part. So let's get down to some PM basics.

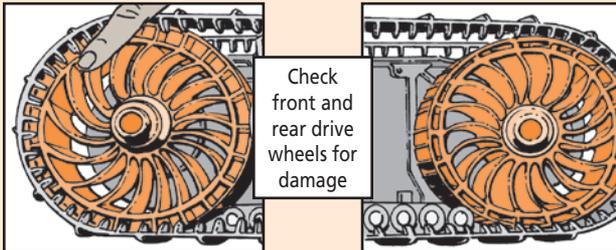
Watch Your Back

Easy does it when lifting or carrying the 310 SUGV. It's heavy! So save your back and get a buddy to help when taking it out of its case or putting it back in. An extra set of hands will also help you avoid dropping or damaging the robot.

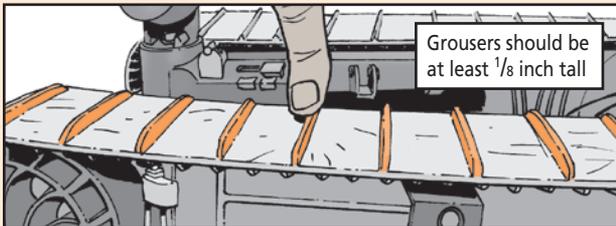
Track Inspection

TAKE CARE OF THE TRACK AND YOUR ROBOT WILL KEEP ON ROLLIN'...

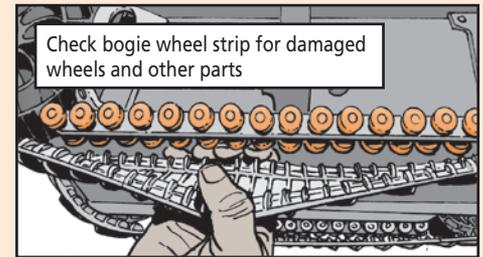
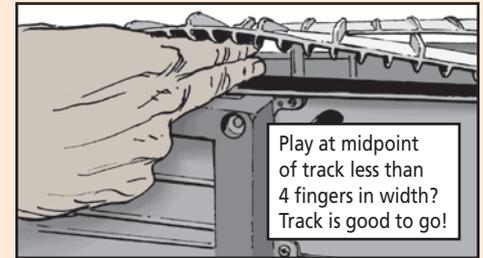
- Eyeball the chassis assembly for cracks or other obvious damage.
- Inspect the front and rear drive wheels for damage or missing hardware. While you're at it, make sure the main tracks are properly positioned on the wheels.



- Track grousers should be at least 1/8 inch tall. That gives the robot good traction on both sand and hard-surfaced roads.



- Check track tension by pulling upward from the midpoint of the track. Track play should not exceed the width of 4 fingers, approximately 3 inches. This check is vital! Loose or stretched track can slip over the wheels. That makes it hard for the robot to turn and climb over obstacles.
- Take a close look at the bogie wheel strip along the inside bottom of each track for broken, damaged or missing parts. These wheels are needed to keep the track in line and reduce the chance of a thrown track. If two bogie wheels next to each other or six or more wheels total are missing or damaged, have the robot checked out by the next higher level of maintenance.
- Clean the robot's track using low-pressure air (30 psi or less) and a scrub brush, NSN 7920-00-061-0037.



NOW THAT MY TRACK'S IN GOOD SHAPE, I'M READY TO GO!

