



2009 ARMY GREATEST INVENTIONS (AGI)

Mine-Resistant Ambush-Protected (MRAP) Overhead Wire Mitigation (OWM) Kit

TARDEC's Center for Ground Vehicle Development and Integration (CGVDI) received a 2009 AGI award for developing the MRAP OWM kit. The OWM kits provide MRAP crews with a means to preserve local infrastructure and prevent Soldiers from being exposed to electrocution threats. The MRAP's height led to antennae catching and pulling down high-voltage cables, telephone wires and laundry lines. The CGVDI worked with the Science and Technology Assistance Team to evolve several prototypes. The OWM kit directs wires up and over the MRAP, protecting Soldiers and the local infrastructure.