

Preventing Launcher, ECU Damage

LACK OF ATTENTION TO CABLES AND CONNECTORS CAN CAUSE THOUSANDS OF DOLLARS OF DAMAGE TO THE PATRIOT LAUNCHER AND THE ENVIRONMENTAL CONTROL UNIT (ECU).

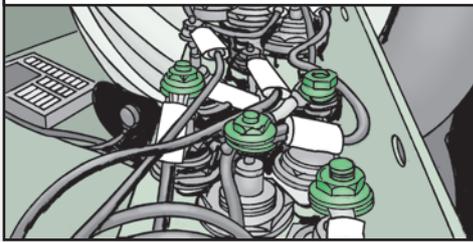
BUT JUST A LITTLE ATTENTION CAN KEEP THE LAUNCHER AND THE ECU SAFE.



ECU on ECS, ICC, CRG

One Patriot unit had an ECU catch fire when they switched it from A/C to heat. Investigation revealed the probable cause was a loose lug connector on the heating element. So before you switch any of your ECUs to heat, first make sure all the connectors to the heating element are tight.

Check ECU heating element connectors for looseness



Launcher

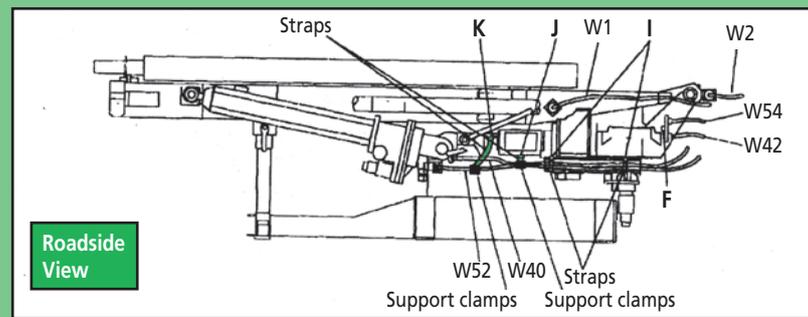
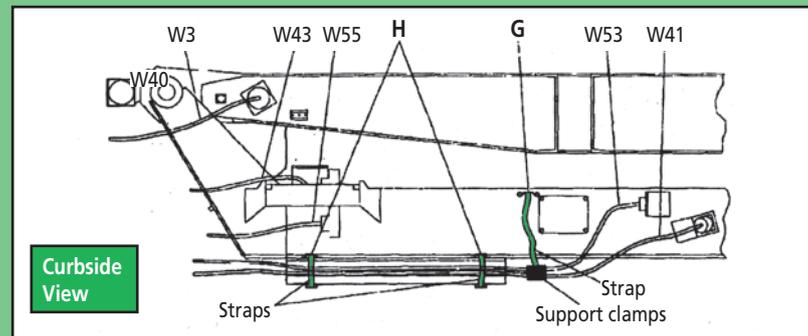
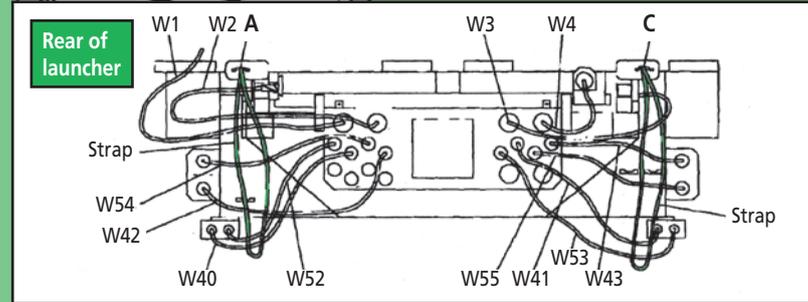
Dangling cables are one of the most lethal threats for the launcher. When cables aren't secured, they snag and are ripped out when the launcher traverses. One Patriot unit's launcher J box and its cables and wiring harness were destroyed because the cables weren't tied back. Total bill: \$491,032. How would you like to tell your commander that?



Dangling cables can leave your launcher J box looking like this



FOLLOW THESE THREE DIAGRAMS FOR SECURING THE CABLES AND YOU'LL NEVER NEED TO WORRY ABOUT THAT HAPPENING AGAIN...



To help you secure the cables, you can now order launcher cable clamp assemblies with NSN 4030-01-582-8341.