



The dust cover for the Mine Resistant Ambush Protected Vehicle was a common failure item. The dust cover could not be purchased separately, MDMC was required to purchase the next higher assembly (entire seat belt assembly). Utilizing AM, MDMC was able to reverse engineer and 3D print the seat belt cover out of PC-ABS polymer, reducing the cost from \$920.00 to replace the entire seat belt assembly to \$14.77 to 3D print the dust cover.