



Value Analysis and Design

Our customer was contracted by the government to repair specialized vehicles and supply their clients' depots with a repair kit and in-field training. They could not obtain from the OEM an assembly of components that could meet the physically strenuous requirements set forth by the contractor.

MPC met with the customer and listened to the requirements. Our team then participated in a Value Analysis, made some recommendations, and prototyped a newly designed assembly.

After extensive testing, the new design was accepted and incorporated as part of the Preventative Maintenance Program and simplified field repairs.

The Assembly solved the breakage problem over the anticipated life of the vehicle, saved our customer over \$200,000 in tooling costs, and had a price 40% less than the OEM Assembly.