

GVE LLC
COMPANY DATA

Service Disabled Veteran Owned
 Small Business – certification
 application with/VA in progress

- **DUNS number:** 11-745-8659
- **CAGE Code:** 8JL51
- **Relevant NAICS codes**
 - 541611 – Administrative Management and General Management Consulting
 - 541330 – Engineering Service
 - 541614 – Process, Physical Distribution, and Logistics Consulting Services
 - 541620 – Environmental Consulting Services
 - 11118 – Other Automotive Mechanical and Electrical Repair and Maintenance
 - 541380 – Testing Laboratories
 - 541690 – Other Scientific and Technical Consulting Services
 - 541420 – Industrial Design Services

PAST EXPERIENCE

- Mahindra Automotive USA
- Fiat Chrysler North America
- Cummins
- General Motors
- Ford/Visteon

MILITARY EXPERIENCE

- NASIC/FTD, Guided Weapons Analyst
- Joint Ops supporting EUCOM
- JOINT FORGE, OEF/OIF, 927 Air Refueling Wing

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Gearhead Vet Enterprises LLC

CAPABILITY STATEMENT

Gearhead Vet Enterprises LLC (Gearhead Vet) is an engineering and management consulting group providing technical, process, and program support services to meet mission needs of government agencies and vehicle manufacturing firms. Our team of experts has served as senior engineering, technical intelligence, and project managers for Original Equipment Manufacturer (OEM) and Tier 1 automotive manufacturers, USAF, and government sector programs. We leverage our cross-sector product development, defense, and business talent to provide innovative, efficient, and highly compliant solutions for commercial and Department of Defense (DoD) clients.

Service Offerings

<p>On-Board Diagnostics (OBD)</p> <ul style="list-style-type: none"> • Certification and Compliance (Civilian) • Emissions/OBD Regulatory Affairs (Civilian) • Air/Surface Vehicle Diagnostic Architecture (gasoline/diesel)(DoD/Civilian) <ul style="list-style-type: none"> ○ Application of OBD principles to optimize uptime for DoD platforms ○ Effective Troubleshooting/Service Information Requirements ○ Avoiding Single Point of Failure Conditions 	<p>U.S. Patent #8,244,427 B2</p>
<p>Program and Project Management</p> <ul style="list-style-type: none"> • Six Sigma Process Improvement • Project Management (Government, Business, Non-profit) • Lifecycle Contract Management (Government, Commercial) <p>PMP, Six Sigma Green Belt, National Service Award</p>	
<p>Vehicle Embedded Controls</p> <ul style="list-style-type: none"> • SAE Standards, J1939/73, J1939/84, J1699, J1979, J2012 • ISO Standards, 15765, 14229 • Design for Six Sigma, Process Tools <ul style="list-style-type: none"> ○ D/FMEA, RASIC, Root Cause, P-Diagrams, Boundary Analysis, etc. 	
<p>Electrified Powertrain Architecture</p> <ul style="list-style-type: none"> • Energy Storage Systems (ESS) • Inverter, Motor Control • Distributed Diagnostic Powertrain • Electrically Variable Transmission (EVT) • On-Board Charging 	
<p>Manufacturing</p> <ul style="list-style-type: none"> • Automated Assembly, CAD • Process flow/layout • End of Line Testing • Install 	
<p>Intelligence Analysis</p> <ul style="list-style-type: none"> • Scientific and Technical, including Foreign Materiel Acquisition/Exploitation • Political Military Force Capabilities 	

Founder and CEO Lt Col Robert A. Weiss (Ret.) had a distinguished 21 year USAF career as an Intelligence Officer, including reverse engineering foreign missile systems. He held a Top Secret SCI clearance and garnered awards such as the Defense Meritorious Service Medal. His 25 years as a civilian automotive engineer covers Product Development and Manufacturing Facilities Engineering. Weiss sees opportunities to leverage OBD methodologies toward increasingly complex military vehicles, resulting in more robust response to malfunctions/noise factors, fewer false failure occurrences and rapid in-field fault identification and repair.