COURSE CATALOG
2027

AM GENERAL

MISSION READY ★ FUTURE DRIVEN

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OVERVIEW

For over 25 years, AM General has provided comprehensive military training programs for U.S. Armed Forces who operate, service, maintain, or train with the High Mobility Multi-Purpose Wheeled Vehicle (HMMWV or HUMVEE) family of vehicles.

Training courses can be held anywhere in the world through our Mobile Training Teams (MTT). Our Aftermarket Fulfillment & Training Center in South Bend, Indiana, offers top-quality HUMVEE vehicle maintenance training, and our 320+ acre Proving Grounds & Testing Center simulates various global terrains like sand, mud, rock, and water.

Operators will learn how to inspect vehicles, navigate tough terrain, recover vehicles, and assess damage, improving readiness, survivability, and safety.

Maintainers will deepen their understanding of automotive principles, troubleshooting, service, and repair, allowing them to diagnose issues quickly and cost-effectively.

COURSE INSTRUCTORS

AM General's TRADOC-certified Military Training Department is a global leader in training program development. Our instructional designers bring years of experience utilizing the A.D.D.I.E. process, in accordance with TRADOC 350-70-1 and MIL HNDBK 29312-2 standards for Instructional System Design and Systems Approach to Training (ISD/SAT).

Our staff continuously develops professional Programs of Instruction (POI) for Army systems. Instructors are Original Equipment Manufacturer (OEM) factory-trained HUMVEE vehicle experts and U.S. Armed Forces veterans with decades of military technical training and maintenance experience.

HOW TO SCHEDULE A TRAINING EVENT

For seat availability, student registration, course availability, current pricing, or general inquiries, or for information regarding local hotels honoring government per diem rates, please contact:

Lance Nettrouer
Training Manager
lance.nettrouer@amgeneral.com

O: (574) 247-0371
C: (574) 276-6513

Aftermarket Fulfillment & Training Center in South Bend, IN

PAYMENT

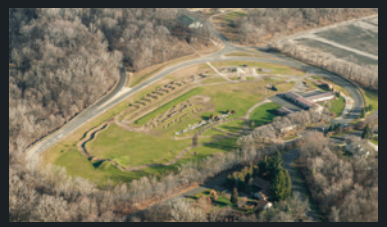
MasterCard®, Visa®, American Express®, Discover®, and U.S. Government credit cards are accepted. Costs relating to travel, lodging, meals, medical expenses, entertainment, laundry, rental cars, phone and fax services, and other related expenses are the responsibility of the customer.

ADVANCED MOBILITY, OPERATOR LEVEL MAINTENANCE, BDAR

This course is designed for operators responsible for preventative maintenance, operation, basic maintenance, and battle damage assessment of all HUMVEE vehicles.

The training improves understanding of the vehicle's functions and capabilities, enabling operators to handle extreme off-road conditions while maintaining performance. Students practice driving on sand, mud, rock, and water, and learn various vehicle recovery techniques in realistic environments.

Students also learn to assess mechanical and electrical failures during battlefield operations and follow safe, quick procedures for continued vehicle operation.



5	TRAINING DAYS	8	HOURS PER DAY

Students follow military guidelines, using the latest technical manuals, service bulletins, and manufacturer-developed training materials, along with operational cut-away aids.

Each student receives the following OEM training manuals:

5715082 Advanced Mobility Operations
5715085 Component Testing and Troubleshooting
5717607 Battle Damage Assessment and Repair Handbook

Contact the military training manager for available dates.

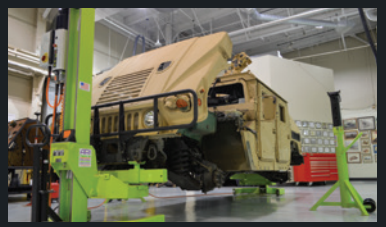
Minimum of 3 students required to open a class.	Training is delivered at an 3-to-1 student–instructor ratio to provide the most hands-on experience.	Each training segment consists of 10% classroom theory and 90% hands-on instruction.

FIELD MAINTENANCE LEVEL TRAINING

This course is tailored for technicians and maintainers tasked with performing preventative maintenance checks, semi-annual and annual services, systems troubleshooting, component replacement, and repairs.

The training provides in-depth instruction on component operation, proper maintenance procedures, and the use of specialized tools and equipment for all HUMVEE vehicle platforms.

(Formerly Organizational-20 and Direct Support-30 echelons).



10	TRAINING DAYS	8	HOURS PER DAY

Students follow military guidelines, using the latest technical manuals, service bulletins, and manufacturer-developed training materials, along with operational cut-away aids.

Each student receives the following OEM training manuals:

5717558 Introduction to Vehicle Systems
5715572 Introduction to the 4L85-E/4L80-E Automatic Transmission
5715709 Troubleshooting the 4L85-E/4L80-E Automatic Transmission
5715084 Stanadyne DB2 Fuel Injection Pump System
5715086 6.5L Diesel Engine Systems
5715752 Principles of Air Conditioning
5715085 Component Testing & Troubleshooting

Contact the military training manager for available dates.

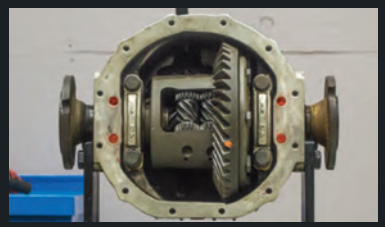
Minimum of 3 students required to open a class.	Training is delivered at an 8-to-1 student–instructor ratio to provide the most hands-on experience.	Each training segment consists of 10% classroom theory and 90% hands-on instruction.

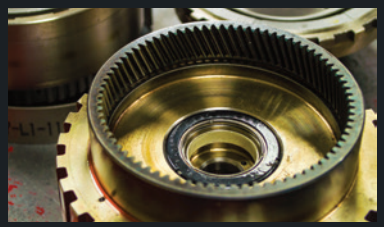
SUSTAINMENT LEVEL MAINTENANCE TRAINING

This course is designed for technicians/maintainers responsible for the rebuild and repair of the engine, transmission, transfer case, differential, geared hub, and electrical components.

The training emphasizes component theory of operation, disassembly, cleaning, inspection, precision measurements, assembly, and testing adjustments of major vehicle systems and sub systems across all HUMVEE vehicle platforms.

(Formerly General Support-40 echelon).





10	TRAINING DAYS	**8**	HOURS PER DAY

Students follow military guidelines, using the latest technical manuals, service bulletins, and manufacturer-developed training materials, along with operational cut-away aids.

Each student receives the following OEM training manuals:

5717558 Introduction to Vehicle Systems
5715084 Stanadyne DB2 Fuel Injection Pump System
5715086 6.5L Diesel Engine Systems
5715572 Introduction to the 4L85-E/4L80-E Automatic Transmission

Contact the military training manager for available dates.

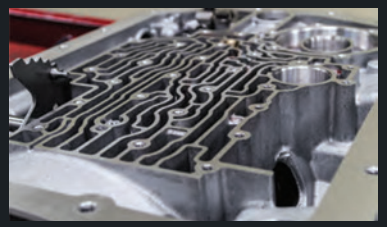
Minimum of 3 students required to open a class.	Training is delivered at an 8-to-1 student–instructor ratio to provide the most hands-on experience.	Each training segment consists of 10% classroom theory and 90% hands-on instruction.

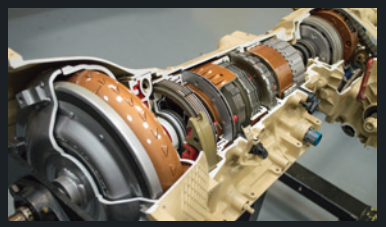
4L85-E/4L80-E TRANSMISSION MAINTENANCE

This sustainment-level training is designed for technicians and maintainers responsible for inspecting, troubleshooting, repairing, replacing, and rebuilding 4L85E/4L80-E transmissions.

The course covers transmission operation theory, along with electrical, mechanical, and hydraulic troubleshooting, as well as disassembly, cleaning, inspection, precision measurement, assembly, and testing of the 4L80E transmission.

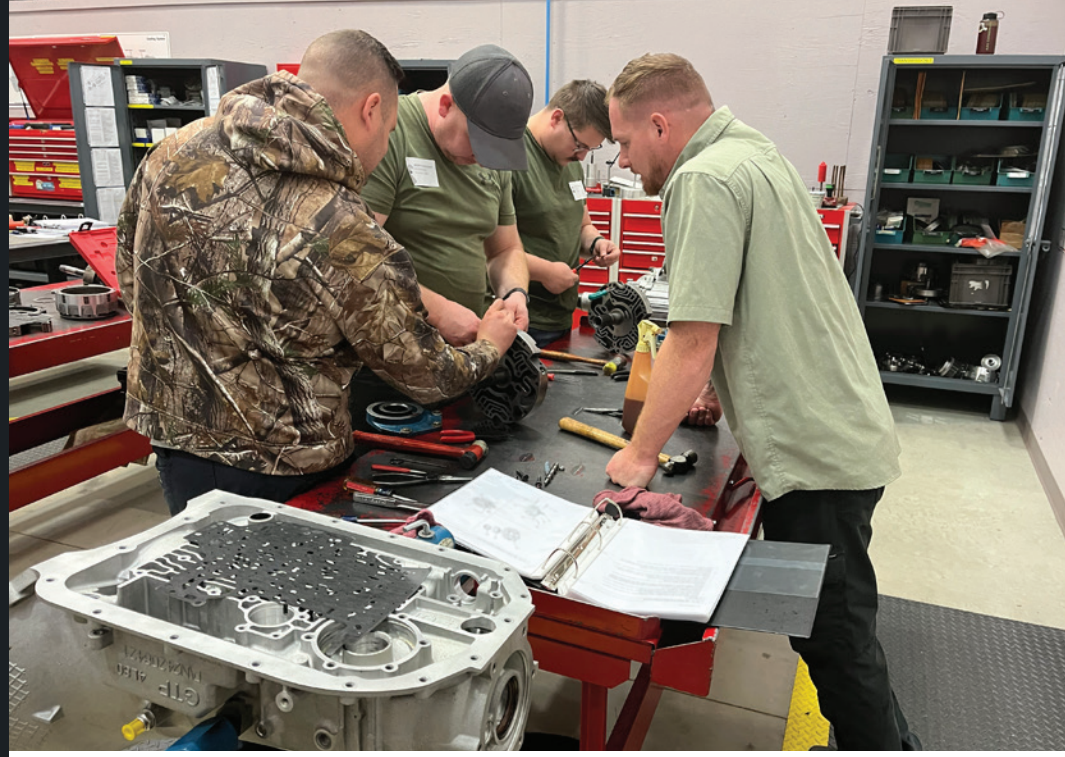
(Formerly Organizational-20, Direct-30, and General Support-40 echelons).





4	TRAINING DAYS	8	HOURS PER DAY

Students follow military guidelines, using the latest technical manuals, service bulletins, and manufacturer-developed training materials, along with operational cut-away aids.



Each student receives the following OEM training manuals:

5715572 Introduction to the 4L85-E/4L80-E Automatic Transmission
5715709 Troubleshooting the 4L85-E/4L80-E Automatic Transmission
5715085 Component Testing and Troubleshooting

Contact the military training manager for available dates.

Minimum of 3 students required to open a class.	Training is delivered at an 4-to-1 student–instructor ratio to provide the most hands-on experience.	Each training segment consists of 10% classroom theory and 90% hands-on instruction.

AIR CONDITIONING SYSTEMS MAINTENANCE

This field and sustainment level training is designed for technicians/ maintainers responsible for electrical troubleshooting, refrigerant recovery, evacuation, inspection, component replacement, refrigerant recharge, leak detection, and testing of HUMVEE vehicle air conditioning systems.

The training emphasizes the scientific principles of refrigeration, thermal efficiency, electrical control systems, and servicing procedures..

3	TRAINING DAYS	8	HOURS PER DAY

Students follow military guidelines, using the latest technical manuals, service bulletins, and manufacturer-developed training materials, along with operational cut-away aids.

Each student receives the following OEM training manual:

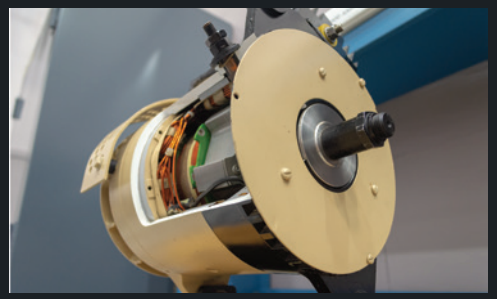
5715752 Principles of Air Conditioning

Contact the military training manager for available dates.

Minimum of 3 students required to open a class.	Training is delivered at an 8-to-1 student–instructor ratio to provide the most hands-on experience.	Each training segment consists of 10% classroom theory and 90% hands-on instruction.

ALTERNATOR, STARTER, & ELECTRICAL SYSTEMS MAINTENANCE

This field and sustainment level training is designed for technicians/maintainers responsible for the inspection, diagnosis, repair, replacement, and rebuilding of electrical components. The course includes theory of operation, troubleshooting, disassembly, cleaning, inspection, precision measurements, assembly, and testing for the starting, charging, lighting, and glow plug systems.



3	TRAINING DAYS	8	HOURS PER DAY

Students follow military guidelines, using the latest technical manuals, service bulletins, and manufacturer-developed training materials, along with operational cut-away aids.

Contact the military training manager for available dates.

Minimum of 3 students required to open a class.	Training is delivered at an 8-to-1 student–instructor ratio to provide the most hands-on experience.	Each training segment consists of 10% classroom theory and 90% hands-on instruction.

Each student receives the following OEM training manual:

5715085 Component Testing and Troubleshooting

DIESEL FUEL INJECTION PUMP SYSTEMS MAINTENANCE

This field and sustainment level training is designed for technicians/maintainers responsible for the inspection, troubleshooting, repair, replacement, and rebuilding of the entire HUMVEE vehicle diesel fuel injection system. The course includes component theory of operation, disassembly, cleaning, inspection, precision measurements, assembly, and testing of the DB2 rotary fuel injection pump system and related subsystems.

3	TRAINING DAYS	8	HOURS PER DAY

Students follow military guidelines, using the latest technical manuals, service bulletins, and manufacturer-developed training materials, along with operational cut-away aids.

Contact the military training manager for available dates.

Minimum of 3 students required to open a class.	Training is delivered at an 8-to-1 student–instructor ratio to provide the most hands-on experience.	Each training segment consists of 10% classroom theory and 90% hands-on instruction.

Each student receives the following OEM training manuals:

5715085 Component Testing and Troubleshooting

5715084 Stanadyne DB2 Fuel Injection Pump System

JLTV A0/A1 OPERATOR NEW EQUIPMENT TRAINING

This course is designed for operators responsible for preventative maintenance, operation, and basic maintenance of JLTV A0/A1 vehicles.

The training improves understanding of the vehicle's functions and capabilities, enabling operators to handle extreme off-road conditions while maintaining performance. Students practice driving on sand, mud, rock, and water, and learn various vehicle operation techniques in realistic environments.

Students also learn to assess mechanical and electrical failures during battlefield operations and follow safe, quick procedures for continued vehicle operation.

5	TRAINING DAYS	8	HOURS PER DAY

Students follow military guidelines, using the latest technical manuals, service bulletins, and manufacturer-developed training materials, along with operational cut-away aids.

Each student receives the following OEM training manuals:

SPJ0001101	A0/A1 FLMNET Student Guide
SPJ0001102	A0/A1 FLMNET Job Aid – Maintainer

Contact the military training manager for available dates.

Minimum of 5 students required to open a class.	Training is delivered at an 5-to-1 student–instructor ratio to provide the most hands-on experience.	Each training segment consists of 10% classroom theory and 90% hands-on instruction.

JLTV A0/A1 FIELD LEVEL MAINTENANCE NEW EQUIPMENT TRAINING

This course is tailored for technicians and maintainers tasked with performing preventative maintenance checks, semi-annual and annual services, systems troubleshooting, component replacement, and repairs.

The training provides in-depth instruction on component operation, proper maintenance procedures, and the use of specialized tools and equipment for JLTV A0/A1 vehicle platforms.

10	TRAINING DAYS	8	HOURS PER DAY

Students follow military guidelines, using the latest technical manuals, service bulletins, and manufacturer-developed training materials, along with operational cut-away aids.

Each student receives the following OEM training manuals:

SPJ0001104	A0/A1 FLMNET Student Guide
SPJ0001105	A0/A1 FLMNET Job Aid – Maintainer

Contact the military training manager for available dates.

Minimum of 5 students required to open a class.	Training is delivered at an 8-to-1 student–instructor ratio to provide the most hands-on experience.	Each training segment consists of 10% classroom theory and 90% hands-on instruction.

AM GENERAL VISITOR GUIDE

MISSION READY ★ FUTURE DRIVEN

HOTELS

To ensure you receive the GSA per diem rate when booking reservations, be sure to call the hotel's local number and inform them that you are a customer of AM General. Rates subject to change based on GSA per diem rate changes.

1. **Candlewood Suites**
   (574) 258-4088
   1220 E. Douglas Rd.
   Mishawaka, IN 46545
2. **Homewood Suites by Hilton**
   (574) 968-7440
   52860 S.R. 933
   South Bend, IN 46637
3. **Hilton Garden Inn**
   (574) 232-7700
   53995 IN-933
   South Bend, IN 46637
4. **Inn at St. Mary's**
   (574) 232-4000
   53993 IN-93
   South Bend, IN 46637
5. **Embassy Suites by Hilton South Bend at Notre Dame**
   (574) 400-2600
   1140 E Angela Blvd.
   South Bend, IN 46617
6. **Hampton Inn & Suites**
   (574) 243-4600
   7347 Heritage Square Dr.
   Granger, IN 46530
7. **Spring Hill Suites by Marriott**
   (574) 271-0832
   5225 Edison Lakes Pkwy
   Mishawaka, IN 46545
8. **Courtyard Marriott**
   (574) 273-9900
   4825 N. Main St
   Mishawaka, IN 46545
9. **Residence Inn by Marriott**
   (574) 271-9283
   231 Park Place
   Mishawaka, IN 46545

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TRAINING LOCATIONS

Aftermarket Fulfillment & Training Center
5448 Dylan Dr.
South Bend, IN 46628

Proving Grounds & Testing Center
801 W. Chippewa Ave.
South Bend, IN 46614

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