



# PRODUCT CATALOG

# MESION READY





We engineer, manufacture, and support specialized vehicles for military and commercial customers. From the iconic HUMVEE vehicle to the next-generation HUMVEE Saber and the upcoming JLTV A2, we deliver solutions for any situation.

4

8

10 12

14

15

16

18

20

22

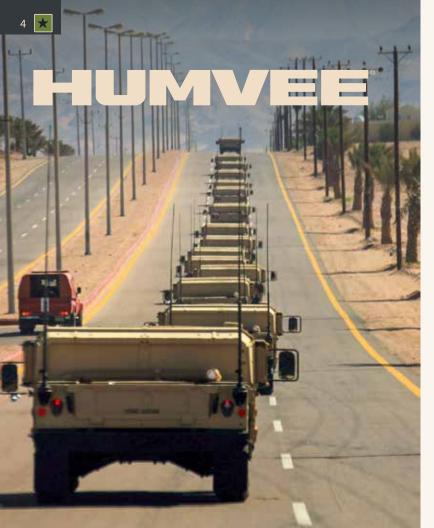
24

26

27

# CONTENTS

HUMVEE<sup>®</sup>: A LEGENDARY BRAND 2-CT™ CARGO TRUCK 4-CT™ CARGO TRUCK HUMVEE SABER™ JLTV A2 MIMIC-V™ **UPGRADES & LIFECYCLE SUPPORT** SOFT RECOIL TECHNOLOGY FLEET MODERNIZATION AFTERMARKET FULFILLMENT & TRAINING CENTER **PROVING GROUNDS & TESTING CENTER** U.S. GOVERNMENT DESIGNATIONS PHOTO CREDITS



# A LEGENDARY BRAND

# AN ENDURING PLATFORM

AM General's rich history spans over 160 years, tracing our origins to the Standard Wheel Company and Studebaker. Over this time, we have continued to provide innovative mobility solutions for our customers worldwide.

Our products have been deployed around the globe for peacetime and conflict operations. With unmatched quality and durability, HUMVEE vehicles are always relied on in the harshest and most demanding of environments.





# OUR GLOBAL REACH

6 ★

70+



COUNTRIES

VEHICLES PRODUCED



# #1

LIGHT TACTICAL VEHICLE PROVIDER



YEARS OF INDUSTRY EXPERIENCE



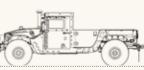




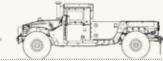
BASE VEHICLE



Enhanced armor in specific vehicle areas



W/ B-KIT Adds plant- or field-installable perimeter protection (requires A-Kit)



W/ FRAG 5 Enhanced perimeter protection and additional armoring points (requires A- and B-Kits)



MEDICAL 2-CT™ AMBULANCE

# VERSATILE ENCLOSURES 2-CT™

## MOBILE MAINTENANCE 2-CT™ SECM





# **ARTILLERY** 2-CT<sup>™</sup> HAWKEYE MHS

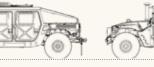


VERSATILITY TO INTEGRATE A WIDE RANGE OF WEAPONS SYSTEMS E ARMOR



**4-CT**<sup>™</sup> (4-DOOR CARGO TRUCK)

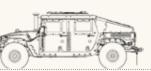




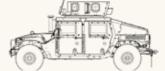
BASE VEHICLE



Enhanced armor in specific vehicle areas



W/ B-KIT Adds plant- or field-installable perimeter protection (requires A-Kit)



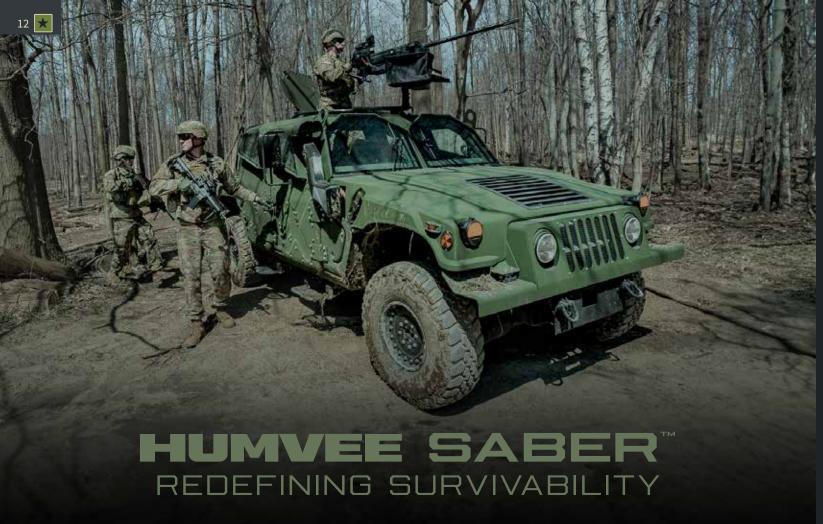
W/ FRAG 5 Enhanced perimeter protection and additional armoring points (requires A- and B-Kits)



PERSONNEL CARRIER 4-CT<sup>™</sup> FASTBACK

### SPECIAL OPERATIONS 4-CT™

## VERSATILE WEAPONS CARRIER 4-CT<sup>TM</sup> ARMORED FASTBACK TOW





### OFF-ROAD CAPABILITY

Exceptional speed, mobility, and agility across any rugged terrain in all weather conditions.

### SURVIVABILITY

capsule design that revolutionizes survivability.

### TRANSPORTABILITY

A truly light tactical vehicle that is easily deployable via land, sea, and air.

# changing needs of the Warfighter.







Incorporates a unique proprietary steel

## PLATFORM VERSATILITY

New capabilities on the battlefield through partnerships allow us to respond to the

### LOW COST LOGISTICS

Based on the proven HUMVEE 13-Series chassis, the HUMVEE Saber offers maximum commonality, simplified maintenance, and streamlined fleet sustainment.

### LIVE FEED VIEW OPTION

A digital video camera delivers a 60°-120° live field view of the outside environment, eliminating the need for heavy transparent armor on rear passenger doors.





# JLTV A2

Introducing the next generation Joint Light Tactical Vehicle (JTLV A2) for diverse military missions. Our commitment to excellence, cost effectiveness, and most importantly, to the Warfighter's success, is what drives us. With a world-class manufacturing process and extensive LTV experience, we will deliver a new and improved JLTV A2.

# **KEY UPGRADES:**

- Improved corrosion protection
- Modular Base Integration Kit
- Noise reduction solutions
- MY 2024 L5P Duramax engine
- 24 Volt Lithium Ion battery



# MIMIC-V<sup>TM</sup>

MISSION INTEGRATED MANEUVERABLE INTEROPERABLE CONFORMABLE VEHICLE

The MIMIC-V excels in any environment and mission. Engineered for ruggedness, versatility, and adaptability, it maneuvers through tough terrains and performs specialized tasks with ease. This vehicle features upgraded engine power, torque, and an enhanced braking system.

With almost a decade of fielded combat use, the chassis and armored cell are designed with multi-purpose versatility, purpose-built reliability, and the lowest platform sustainment cost of vehicles in its class.

# UPGRADES AND LIFECYCLE SUPPORT FOR YOUR EXISTING HUMVEE FLEET

# OPTIONS

16 ★



## DEEP WATER FORDING KIT

- Increases fording capability from 30 inches to 60 inches.
- Relocates air intake, exhaust, and fuel tank ventilation components and provides sealed oil dipsticks, preventing water and debris from entering system components.
- Crankcase Depression Regulator (CDR) Valve creates positive pressure to all "wet" components, creating waterproof seals.

## **OPTIMIZER 2HT1 ENGINE**

### IHP Rating: 205 HP (153 kw) @ 3,400 rpm Torque Rating: 410 lb-ft (556 N•m) @ 1,800 rpm

- 6.5L turbo-diesel based on the 6500 engine platform, with upgraded hardware including a high-output fuel pump and turbocharger.
- Produces 205 hp/410 lb-ft without sacrificing engine durability.
- Mechanical fuel injection system runs on multiple fuels, including DF-2 and JP-8.



PREVENTATIVE MAINTENANCE CHECKS AND SERVICE KITS (PMCS)

Tailored for all HUMVEE light tactical vehicles

SERIAL NUMBER	SEMIANNUAL KIT	ANNUAL KIT	<b>BIENNIAL KIT</b>	2 YEAR KIT PMCS
000001 - 196900 (A0/A1)	5746980	5717998	5746981	5746985
196901 - 299999 (A2/ECV)	5746980	5717998	5717934	5746983
300000+ (REV)	5746980	5717216	5746982	5746984



Cost effective, single-source solution for fleet maintenance, procurement, and vehicle lifecycle support



Thorough vehicle PMCS ensures operational readiness and prolongs vehicle life to maintain a strong fleet



Routine vehicle service and inspections serve as the cornerstone for achieving optimal vehicle readiness

# SOFT RECOL TECHNOLOGY



155MM MHS (MOBILE HOWITZER SYSTEM) CONCEPT

# EASILY INTEGRATES INTO YOUR EXISTING WEAPONS SYSTEM AND MOUNTS ON YOUR INDIGENOUS VEHICLE

SRT allows for up to 60% reduction in recoil forces transferred to the platform and enables larger guns on smaller mobile platforms.

2-CT™ HAWKEYE MHS (MOBILE HOWITZER SYSTEM)





SUPACAT HMT EXTENDA MK2 CONCEPT

INTERNATIONAL 155MM MOBILE ARTILLERY SYSTEM CONCEPT

SPEED · LETHALITY · AGILITY · DEPLOYABILITY · SURVIVABILITY

# 13-SERIES CHASSIS

# POWER YOUR INDIGENOUS VEHICLE OR MODERNIZE YOUR EXISTING FLEET

As a proven 4x4 light tactical platform, our chassis features an enhanced powertrain, cooling and engine performance, and arrives as a fullyassembled unit or a knockdown kit.

# RESET



# RECAP

UPDATES AGING HUMVEE VEHICLES WITH OUR 13-SERIES CHASSIS





EAGLE I, II, III

20 ★



**TEMSAH-3** 



ELVO

# RESTORES HUMVEE VEHICLES TO MISSION-READY STATUS THROUGH A TARGETED MAINTENANCE PROGRAM



AM General's Field Service Reps (FSR) assess fleet & provide a customized program for your operational requirements



Vehicles disassembled & inspected; specific critical parts replaced



Other vehicle performance kits integrated as desired; total program significantly increases vehicle life expectancy



All components removed, reconditioned & reinstalled with new versions



Re-painted body mated to a new 13-Series Chassis

Vehicle restored to likenew condition with "0" hours & "0" miles.





# AFTERMARKET FULFILLMENT & TRAINING CENTER

AFTC provides OEM-certified spare parts, technical manuals, maintenance planning, components, kits, and re-manufacturing to customers worldwide.

The Training Center provides specialized in-house and Field Service Representative-led instruction to thousands of U.S. and International students.

# A FULL RANGE OF LIFECYCLE SUPPORT

# COURSES

ADVANCED MOBILITY, OPERATOR MAINTENANCE, & BDAR

FIELD MAINTENANCE\SUSTAINMENT MAINTENANCE

4L85-E / 4L80-E TRANSMISSION MAINTENANCE

AIR CONDITIONING SYSTEMS MAINTENANCE

ALTERNATOR, STARTER, & ELECTRICAL SYSTEMS MAINTENANCE

DIESEL FUEL INJECTION PUMP



# PROVING GROUNDS & TESTING CENTER

Our 320+ acre training and testing course offers extreme off-road conditions which simulate global areas of operation in a real-world environment.

Facilities also include classrooms, hands-on technical training bays, and a state-of-the-art driving simulator.

# COURSE FEATURES

1/2 MILE ASPHALT OVAL WITH 12 DEGREE BANKS AND A 2,500 FOOT 2-LANE STRAIGHTAWAY CONCRETE GRADES TO 60%; SIDE SLOPES TO 40% 30 TO 60 INCH NATURAL BASE AND CONTROLLED PIT WATER OBSTACLES OFF-ROAD DURABILITY COURSE AND FIELD OBSTACLES





# **U.S. GOVERNMENT** DESIGNATIONS

PRODUCT	DESIGNATION	
2-CT™ (2-Door Cargo Truck)	HMMWV M1152	
<ul> <li>2-CT<sup>™</sup> Hawkeye MHS (Mobile Howitzer System) consisting of:</li> <li>2-CT<sup>™</sup> Hawkeye Howitzer</li> <li>2-CT<sup>™</sup> Ammunition Support Vehicle</li> </ul>	105mm Mobile Howitzer System	
2-CT™ Ambulance	HMMWV M997A3 Ambulance	
2-CT™ SECM (Shop Equipment Contact Maintenance)	HMMWV NG-SECM	
4-CT™ (4-Door Cargo Truck)	HMMWV M1165	
4-CT <sup>™</sup> Fastback	HMMWV M1151	
4-CT <sup>™</sup> Armored Fastback TOW	HMMWV M1167	

# PHOTO CREDITS

### Page 4

Museum.

Line of HUMVEE vehicles – Official Marine Corps Photo by Cpl. Michael Petersheim. Studebaker horse-drawn wagon shipment, 1861 - Photo courtesy of the Studebaker

U.S. Army Willys MA jeep in June 1942 -Photo by U.S. Army Signal Corps.

### Page 5

Ambulance – U.S. National Guard photo by Senior Master Sgt. Edward Snyder, 169th Fighter Wing, Public Affairs.

Marines in desert – Official Marine Corps photo by Cpl. Randall A. Clinton.

Pacific Ocean roll-on/roll-off discharge facility operations – U.S. Navy photo by Mass Communication Specialist 2nd Class Bryan Niegel/Released.

U.S. Border Patrol Vehicle – Photo by Mark Mauno, 2007, Wikimedia.

Parachute air drop – Photo by Jose A. Rodriguez Jr.

Sling load - U.S. Army Photo by Capt. Adan Cazarez.

HUMVEE Avenger – U.S. Army photo by Charles Rosemond.

Blizzard – Air National Guard photo by Airman 1st Class Anthony Small/Released.

Hurricane flooding – U.S. Army photo by Spc. Joseph Davis/Released.

HUMVEE vehicle rolling off plane – U.S. Army photo by Staff Sgt. Joseph Truckley.

HUMVEE vehicle lifted by crane – U.S. Navy photo by Mass Communication Specialist 1st Class Richard Doolin/Released.

Deep water fording – U.S. Army photo by Sgt. 1st Class Michel Sauret.

### Page 9

The 2-CT Ambulance is manufactured by AM General under a contract with the United States Army and built specifically in accordance with specifications provided to AM General by the U.S. Army. The red cross depicted in these materials is an independent licensed trademark of the International Red Cross and is applied to the vehicles manufactured by AM General in accordance with contract specifications.

Page 11

4-CT<sup>™</sup> Armored Fastback firing – Photo by Sgt. 1st Class Raymond Drumsta.

### Page 19

Supacat HMT Extenda Mk2 Concept -Photo courtesy of Supacat.

### Page 20

Eagle II – Photo by Clément Dominik, Wikimedia Commons.

ELVO - Photo by Pinikas, Wikimedia Commons.

COBRA – Photo courtesy of Otokar.

Temsah-3 – Photo courtesy of Jordan Armed Forces (JAF).

### Page 26

Photo by Thomas Mort.

### Page 28

Photo by Spc. Annie Riley.

## Inside Back Cover

Photo by Maj. Robert Fellingham.





## AM GENERAL HEADQUARTERS

105 N. Niles Ave South Bend, IN 46617 (574) 237-6222

info@amgeneral.com

www.amgeneral.com