



# Fort Bragg Materiel Maintenance Division

**Our Mission** - *The Fort Bragg MMD provides effective and efficient maintenance to support mission readiness for Fort Bragg units, US Army Garrison, and other military units as outlined in AR 5-9. They partner with the Army Materiel Command (AMC) to provide sustainment level maintenance as directed. The MMD will continue to transform with the Army while implementing continuous process improvement to become the maintenance to provider of choice in the southeast region.*

***Leading Change for Maintenance Installation  
Excellence***

# PIT STOP CONCEPT

A deliberately planned and resourced event executed by a certified crew with all the tools, parts, and information required at their fingertips.

- Improve the Process and Reduce Waste
- Procure Special Tools and Equipment
  - Improve Parts Flow
  - Train and Certify Crews
  - Manage Information

- Priorities**
- Use Lean Six Sigma process improvement
  - Build Parts Kits for the HMMWV, MTV, and HEMMT



**DOL**

**SPEED, UNCOMPROMISING QUALITY, TEAMWORK and EFFICIENCY**



# PIT Stop Parts Kitting

- **Parts Kitting is a Manufacturing World Best practices initiative that is used to reduce cost, improve delivery times and improve the quality of parts available.**
- **It provides parts vendors a predictable volume and delivery schedule. This results in parts availability at a lower cost .**
- **Supports five major vehicles: HMMWV**
- **Parts kits based on Bi-Annual service parts requirements, Delayed Desert Damage Technical Bulletin (TB 43-0221-2) and our experience with the program.**





**Improvements were centered on Facilities, Tooling and Shop Equipment that would increase speed, efficiency, quality and work space utilization.**

**Traditional Practices were dropped and Best Practices were adopted.**

**TRADITIONAL PRACTICE**

- Remotely Located Tool Rooms
- Limited Tool Composition
- Remotely Located AIS
- Non-Functional Work Benches
- Inadequate Air Compressor
- No Electricity in Work Area
- Remote Technical Library
- Spec. Safety Equipment

**BEST PRACTICE**

- Tools in PIT
- Composition Fits Equipment/Task
- ALIMS in PIT
- Ergonomically Designed PIT
- Enhanced Air Delivery System
- PIT Fully Powered
- Automated Reference Material in PIT
- Enhanced Safety Features



**An ergonomically designed work environment with all the tools and equipment required was the design goal for our maintenance bays.**

