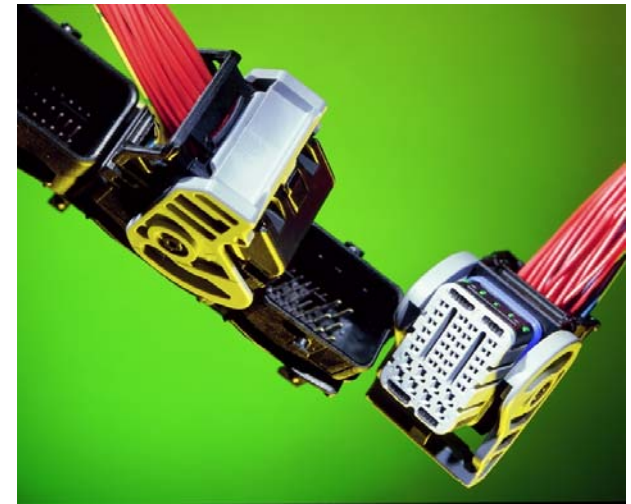


# CMC



- Sealed Powertrain connector system
- High density modular system
- Ganged headers
  - Current sizes – 24, 28, 32, 36, 48, 53, 80 & 96
  - New sizes - 112 & 154
- Right angled header configuration
- Rated up to 21amps per terminal
- Sealed – rated to IP67
- Applications
  - Engine control (ECU)
  - Transmission control
  - Control units requiring a sealed header system
- Terminal size
  - 0.64, 1.50 & 2.8mm



**A simple, intuitive locking lever secures the connector**

# Features and Benefits



- Color coding provides easy visual installation
- Mechanical polarization avoids mis-mating
- Audible click during locking secures locking with the header
- Tie wrap as additional fixing feature provides added security of the wire output
- Various backplate configurations and plug seals offer flexibility and high reliability when cavities are not used
- Matte sealed & perimeter seal secures seal between the connector and mating header
- Secondary locking TPA
- Temperature range -40 / +125°
- Cam assist locking lever
- Panel mount or clamshell designs compatible



# NAT Specific Product Improvements



- **Ruggedized to withstand much higher vibration forces**
  - New housing material to strengthen cam posts
- **Potential for IP67 in the unmated position**
- **Ability to black out entire housings for common control module designs**

# Product Information



## ■ Currently used in the auto, construction and agriculture markets

### – Auto Customers

- Ford, Renault, and Peugeot

### – NAT Customers

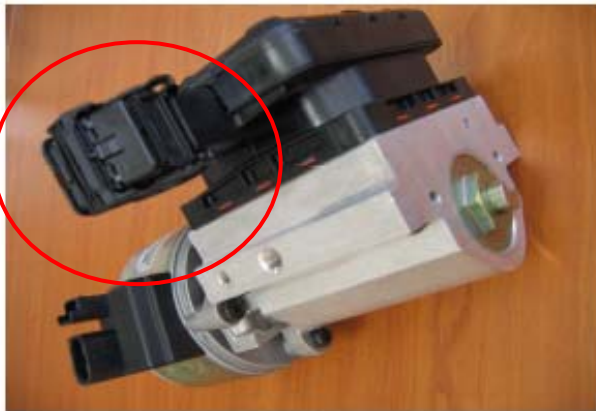
- Ducati
- John Deere
- Mercury
- Harley Davidson
- Bombardier



## ■ Over 200 Million receptacles sold

# CMC Applications

## ■ Powertrain



Suspension Controller



ECU (Engine Control Unit)