



TetraTek Products, Inc.

We Put It All Together

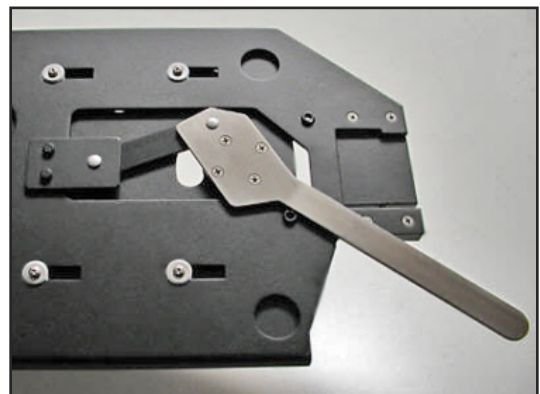
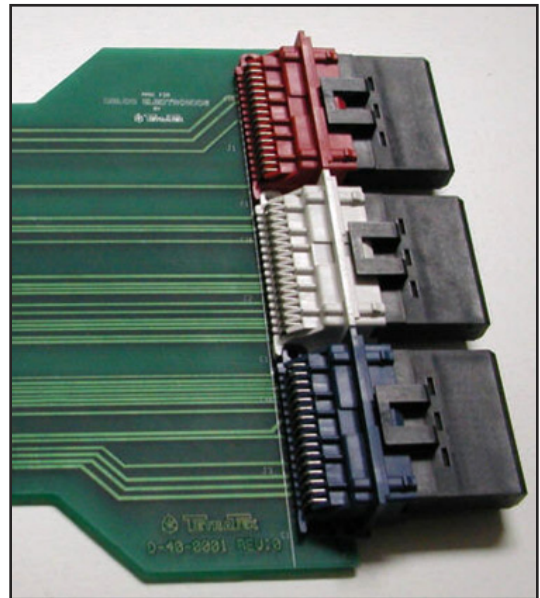
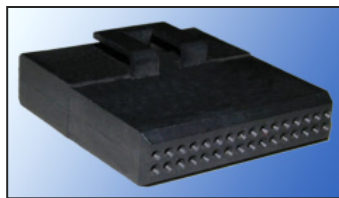
Automobile Electronic Engine Control Module Production Test Fixture

TetraTek has manufactured an eighty test position burn-in cart for production testing of Automobile electronic engine control modules.

The cart includes:

- A painted aluminum enclosure.
- A urethane insulated, 4-inch thick thermal barrier wall.
- A silicone sealing gasket.
- Castors with less than 15 lbs of rolling resistance.
- A rotating bar type cart movement handle.
- Rear mounted relay rack rails to support test electronics.
- 40 256-pin connectors for test electronics.
- 80 feed-through boards to penetrate the insulated wall.
- A green mask to limit solder bridging.
- 160 replaceable product connector pogo-pin sockets.
- 160 product connectors.
- 10 high current connectors for cart to battery power.
- 80 TetraTek product clamping systems
- An operating temperature range of -40 to 125 C.

Each TetraTek black anodized aluminum clamping system includes an over center cam type mechanism with a rotating product retainer. The clamp smoothly engages and disengages product connectors without damage.



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