

“Poka-Yoke” Test Fixture for Automotive Plastic Assemblies

TQC has produced a free standing “poka-yoke” bench and fixture to check and function test a plastic moulded automotive assembly, featuring both left-hand and right-hand variants.

The bench provides space for the hand assembly of the unit, and features storage bins for all the necessary components and for completed product post-test. The test fixture checks that all the necessary parts are in place and then performs a functional test whereby the assembly is opened and closed, checking that the unit operates in a satisfactory manner

Key Features

- Manual assembly area
- Self-guarding drawer style fixture
- Automated part presence detection
- Automatic function test
- Modular bench construction with light and fan for operator comfort.

