



System Description

Tesca Automotive Instrument Panel Trainer 32535 is designed to teach computer and network controlled automotive instrument panel system operation. This trainer allows for instructor demonstration, student hands-on reinforcement and troubleshooting practice. Powered by a 12VDC automotive battery or a 12VDC/10A (minimum) power supply (not included). Includes courseware.

Features

- Controlled by Body Control Module (BCM).
- Actual new vehicle components.
- Operated as a stand-alone trainer, or connected to the Lighting System Trainer and the Power Door Lock Trainer to teach and demonstrate vehicle systems integration.
- 8 Intermittent and hard fault codes can be inserted using the built-in keypad, a single computer or the connection to Tech 2 via the DLC connector.
- Network and interconnect circuits are protected against over-current and polarity reversal.
- Courseware Includes: Instructor Guide, Student Manual and Service Manual Information.

System Component

Trainer uses actual automotive components to keep the learning experience as realistic as possible. Identify the following components on the Instrumentation Panel Trainer.

The Actual Components Include:

- Instrument Panel Cluster
- Temperature Gauge
- Fuel Gauge
- Check Gauges Light
- High Beam Indicator
- Turn Signal Indicator
- Brake Warning Light
- Low Coolant Light

Note: Specifications are subject to change.

Tesca Technologies Pvt. Ltd.

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,
Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,
Tel: +91-141-2771791 / 2771792; Email: info@tesca.in, tesca.technologies@gmail.com
Website: www.tescaglobal.com



- ABS Light
- Oil Pressure Light
- Check Engine Light
- Charging System Warning Light
- Horn Alarm

Instrument Panel Trainer also Features:

- Headlight Switch
- Dimmer Switch
- Turn Signal Switch
- Vehicle Speed Control
- Coolant Temperature Control
- Fuel Level Control
- Power Windows
- Wiper/Washer
- Alternator System

System Power

- The Instrument Panel Trainer is designed to be powered by a standard 12VDC automotive battery. The automotive battery is to be connected to the Power and Ground terminals which are mounted on the board with suitable gauge automotive jumper cables or their equivalent.

Note: Neither the 12VDC automotive battery nor the jumper cables are supplied with the trainer and must be reacquired locally.

Equipment Maintenance

The trainer requires little maintenance. Items to check are as follows:

1. Inspect, tighten and clean all exposed connections.
2. Turn Ignition Switch OFF after use.
3. Disconnect the battery from the trainer when not in use.

Service Required at Site

1. Electric supply 230 V AC, 50 Hz or / 440V for 3PH

Note: Specifications are subject to change.

Tesca Technologies Pvt. Ltd.

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,
Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,
Tel: +91-141-2771791 / 2771792; Email: info@tesca.in, tesca.technologies@gmail.com
Website: www.tescaglobal.com

