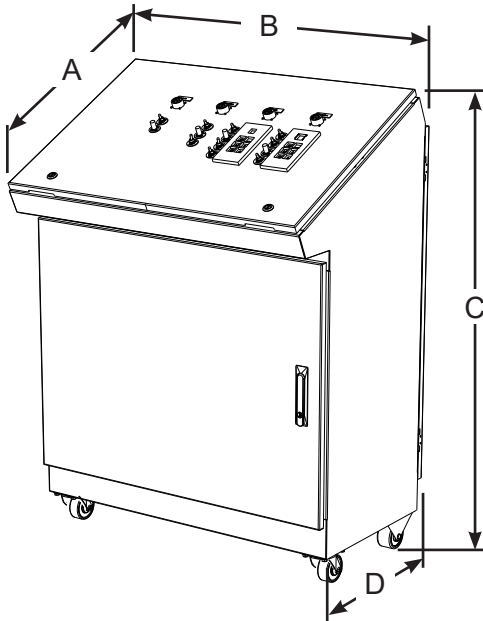


Electronic Shift Console (ESC)



Electronic Shift Console w/ 1K/2K, GEN4 1K/2K, WTEC, and GEN4 3K/4K Shift Control Options shown



Electronic Shift Console w/ 1K/2K, GEN4 1K/2K, WTEC, and GEN4 3K/4K Shift Control Options shown

Overview

The Electronic Shift Console has been designed especially for factory authorized service centers with ability to flash Transmission Control Units (TCUs). The console will exercise multiple transmissions outside of the vehicle in conjunction with the Power Test family of transmission test stands during testing.

Electronic Shift Console:

- Provides OEM shifting and control for customer specified transmission generations.
- TCU's can be re-flashed by authorized personnel to load specific transmission model calibrations for the various units you will be testing.
- Plugs into standard 110 VAC power source and provides 12 VDC or 24 VDC (vehicle dependant) power supply.
- OEM software such as Allison Doc (provided by others) can connect directly to console to perform diagnostics, read and reset trouble codes, and reflash the TCU.
- Over-sized enclosure can house multiple TCU kits.
- Kits are available for Allison 1K through 9K Transmissions up through Gen 5.

Because of the large variety of transmission calibrations, the Power Test ESC requires a Transmission Control Unit (TCU) for each different transmission model being tested if you are unable to re-flash TCU's.

Description	Part #	Reference Dimensions - inches (mm)				Weight Lbs. (Kg)
		A	B	C	D	
Electronic Shift Console-ESC	*Custom #	25 (635)	37-1/4 (946)	50 (1270)	20-1/2 (520)	250 (114)

* Electronic shift console's are typically custom, mobile cart's modified to include customer specific TCMs for shifting electronic transmissions.



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Electronic Shift Console (ESC)

The Power Test TCU based ESC is designed for use by Allison dealers. If the dealership has the capability of reprogramming (re-flashing) the TCU memory, fewer shift kits are required. Order a combination of the following. Maximum of six shift kits per console.

Currently Available Shift Kits

Part #	Description
1024580.013	Allison - Pre-Generation 4 1K/2K
1024576.013	Allison - Generation 4 1K/2K
1027177.013	Allison - Generation 5 1K/2K
1023812.013	Allison - World Transmissions (WTEC III/IV except 3070PT) 3K & 4K
1024577.013	Allison - World Transmission (WTEC II/III & 3070PT) 3K
1023811.013	Allison - Generation 4 3K
1024579	Allison - Generation 4 3700SP
1027193.013	Allison - Generation 5 3K/4K
535401.05	Allison ATEC
1024578.013	Allison - CEC2 5000/6000 Off Highway Transmissions
1013314.013	Allison - CEC3- 5K/6K/8K/9K Off Highway Transmissions
1013315	Allison - Elec 8000 CEC1 (Rotary)
1023817.013	GM THM 4L80E
535401.08	ZF Ecomat 1, 2 and 4
535401.21	Voith DIWA.3
535401.22	Voith DIWA.5
1064914.013	Voith DIWA.6
1064915	Voith DIWA.6



Note

If you have a shifting need that is not listed above, contact your Power Test sales representative. Our engineering experts will design a shift kit to suit your needs.