

V2 FALSE CAR

Product Description



The Wurtec **V2 False Car** is a modular suspended work platform used for the installation of elevator rails and other elevator systems and assemblies. The False Car is powered by a platform-mounted hoist. The platform depth and width are adjustable through various size ranges depending on the model and configuration.

Key Features

- 2200-lb (1000-kg) capacity at 35 ft/min (10.7 m/min)
- Designed for use on rails with blade widths from 5/8" (16mm) to 1-1/4" (32mm)
- Fully adjustable to a wide range of hoistway sizes
- Quick setup and installation
- Slack rope safety triggers automatically in the event of slack in the hoist rope
- Nylon rail guides ensure no wear on rails
- Rail guide spacing and lightweight for a more precise rail alignment
- Collapsible for easy storage and transport
- Payloads calculated based on minimum platform plywood thickness of 3/4" (19mm) and canopy plywood thickness of 3/8" (10mm)
- **Only for use with dual-line rail alignment method**

CE Certificate No. NL17-400-1001-112-02
Patent No.: **8,141,683; 10,294,076 ;**
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Note: C1 = Platform Configuration 1, C2 = Platform Configuration 2

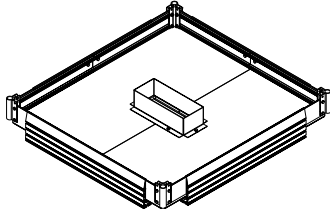
Version	Platform Area (m ² · ft ²)	DBG Range (mm · in)	Depth (mm · in)	Weight -
11-306-K00 - C1	1.53-2.75 · 16.5-29.6	1445-1707 · 56.9-67.2	1096-1657 · 43.1-65.2	267 · 589
11-306-K00 - C2	1.53-2.74 · 16.5-29.5	1150-1705 · 45.3-67.1	1395-1657 · 54.9-65.2	267 · 589
11-306-K01 - C1	2.81-6.97 · 30.2-75.0	1785-2752 · 70.3-108.3	1617-2580 · 63.7-101.6	313 · 691
11-306-K01 - C2	2.81-6.98 · 30.2-75.2	1667-2635 · 65.6-103.7	1735-2702 · 68.3-106.4	313 · 691
11-306-K02 - C1 & C2	3.70-10.01 · 39.8-107.7	1973-3041 · 77.7-119.7	1922-3346 · 75.7-131.7	337 · 743

Revision: 09 | 09/2021 | Document No.: Specifications_11-306-K0X

Standard Components

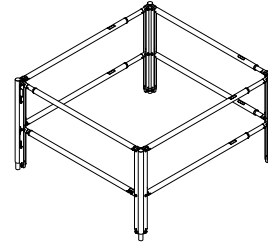
Adjustable Platform (11-307-I00, 11-307-I01, 11-307-I02)

Load-rated platform for use with the V2 False Car. Plywood not included; should be at least 3/4" thick.



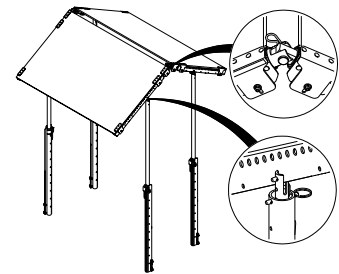
Handrail Kit (11-308-I00, 11-308-I01, 11-308-I02)

Provides a lateral barrier for workers on the platform.



Telescoping Break-Away Canopy (10-10019801, 10-10019833)

Telescoping aluminum posts and roof members provide an adjustable framework for a plywood canopy to protect workers from falling debris. Roof members "break away" at the posts or peak when the worker is secured to a lifeline and the platform travels downward unexpectedly. Plywood not included; should be at least 3/8" thick.



Accessories

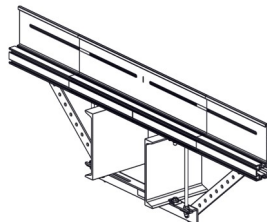
Beeper Box (11-301-BP-CN, 11-301-BP-2200)

The beeper boxes plug in between the travelling cable and hoist, providing audio and visual signals for a moving False Car to warn people that something is moving in the hoistway. There are versions for North America (11-301-BP-2200) and Asia (11-301-BP-CN).

	11-301-BP-2200	11-301-BP-CN
Voltage (V)	240	380
Frequency (Hz)	60	50
Phase	3	3
For Use In	North America	Asia
Power Plug	NEMA L15-20 3P 4W	IEC 60309 Pin & Sleeve 4P 5W

Crosshead Mounting Kit (11-306-MK)

Securely attaches the V2 platform to the crosshead of your car sling. It can accommodate crossheads from 6" wide x 6" high up to 18" wide by 12" high.



V2 False Car Toolkit (11-306-TOOLKIT)

This kit contains all the tools necessary to install the V2 False Car in the hoistway. It includes:

- Met. hex keys - 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm
- Long pattern combination wrenches - 10 mm, 13 mm, 15 mm, 19 mm, 27 mm
- 19mm combination ratcheting wrench
- #2 Philips screwdriver
- Ball peen hammer
- 7-1/2" needle nose pliers
- Flat blade screwdriver

V2 Toolrack (11-306-TOOLRACK)

Easy-to-assemble rack that mounts on the False Car and conveniently stores and organizes tools.

Lighting Kit (11-306-LIGHT-NA, 11-306-LIGHT-CN)

This lighting kit consists of three (3) flood lights and a junction box to provide illumination for a worker on the False Car.

Trip Bar Assembly (10-10013271)

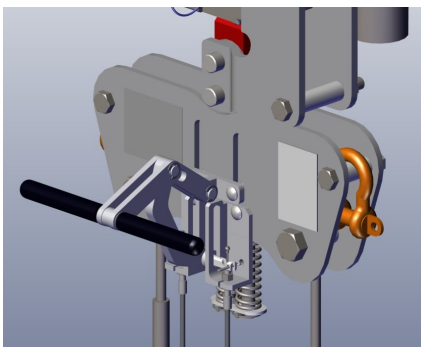
Safety mechanism for the V2 False Car that is activated if the bottom of the platform makes contact with an object in the hoistway.

Cost / Benefit Analysis

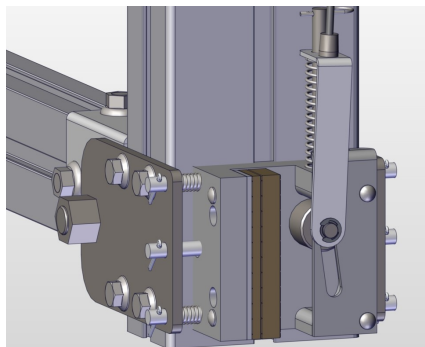
****Estimated times based on internal testing and customer input.**

	Build/Install Time	Removal Time	Total Time (hrs)
Scaffolding	48 hr	48 hrs	96 hrs
Fast Track Method (V1 Platform, Mounting Kit, & Hoist Bar)	3 hrs 30 mins*	1 hr 45 mins	5 hrs 15 mins
V1 False Car	16 hrs	8 hrs	24 hrs
V2 False Car	16 hrs	8 hrs	24 hrs
* 30 minutes to mount crosshead kit, up to 2 hours to install platform, and up to 1 hour to install hoist			

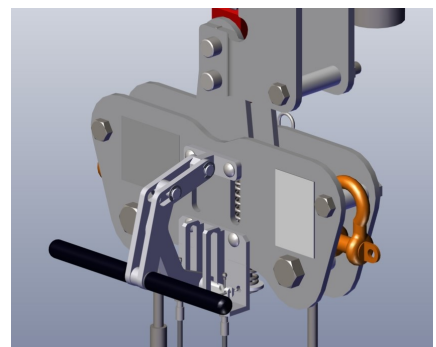
Safety Mechanism Operation



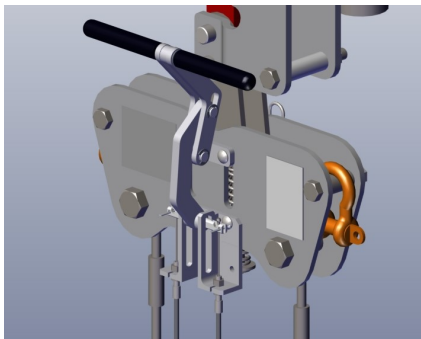
1. Hoist bracket activation handle is down; springs are not compressed.



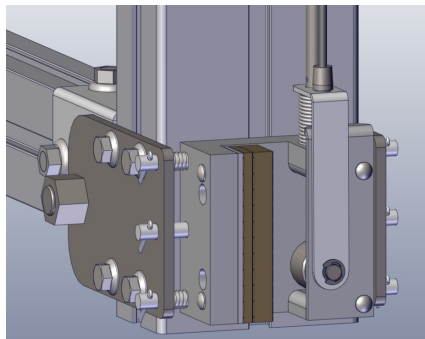
2. Lower safety knurled rollers are driven up by spring to engage with guide rail.



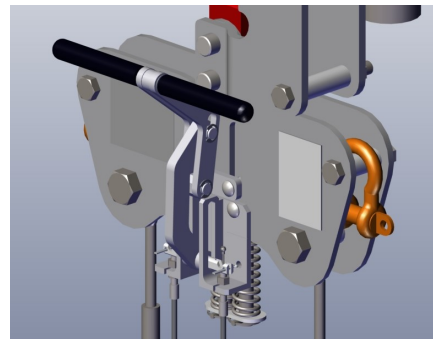
3. Activation handle remains down & springs become fully compressed.



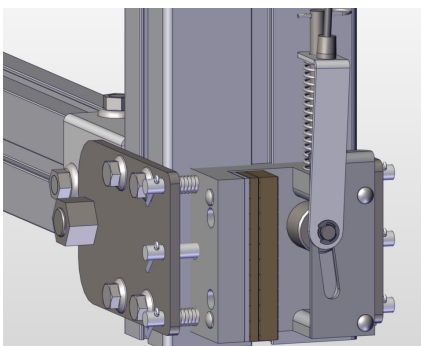
4. Activation handle is lifted as knurled rollers break free from guide rails.



5. This fully retracts Bowden cable & holds off knurled rollers from guide rails.



6. Hoist bracket springs extend releasing Bowden cable.



7. Knurled rollers are driven up by spring to engage with guide rail and stop False Car.

Revision: 09 | 09/2021 | Document No.: Specifications_11-306-K0X