

TeleSwivel Power Hitch



Trailers transport mission essential equipment and supplies. Weapons systems, equipment, tactical power, water and ammunition are routinely transported on trailers. But connecting to trailers is an aggravating task, made more difficult by tough terrain and weather conditions. TeleSwivel's patented Power Articulation hitch makes a dangerous, time-consuming and manpower intensive task a **one-person operation** that can be done in seconds.



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Key Features:

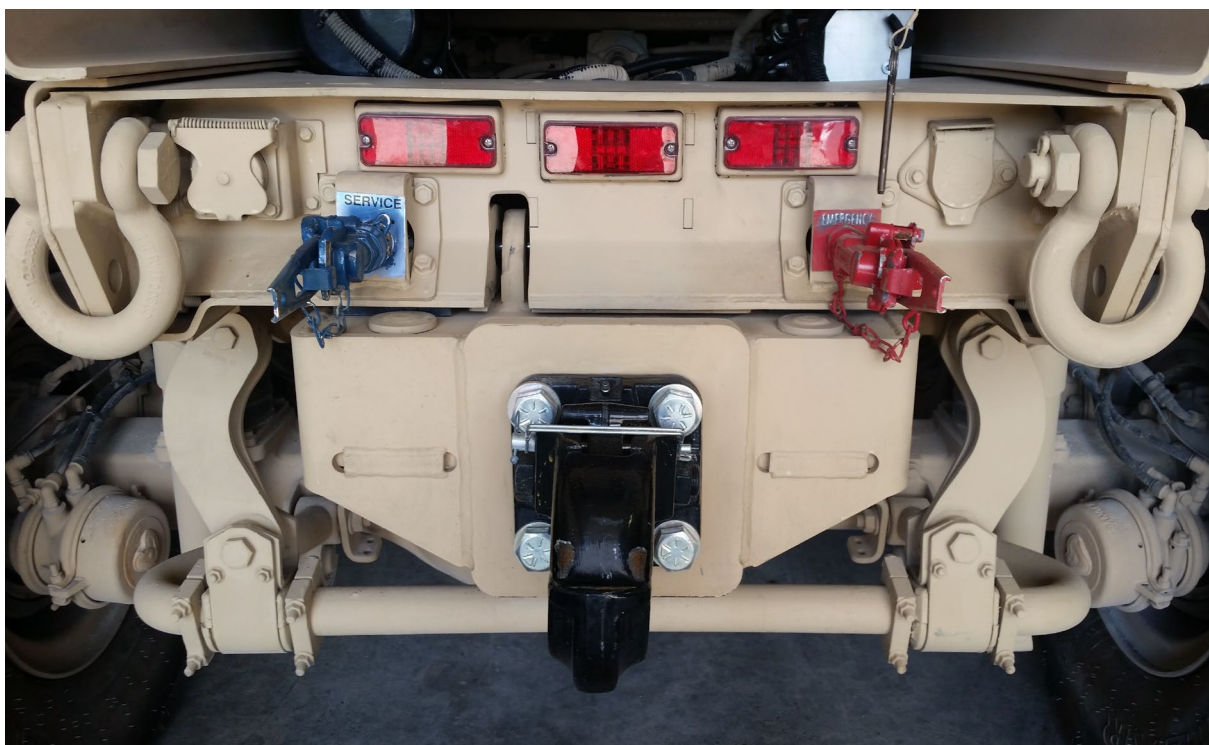
- Simple design enables 3-axis articulation
- Production or retro-fit installation
- Rear or cab mounted joystick controls
- Sensor control system with optional video
- US Patents: 8,678,421; 8,905,424



Power Hitch Value:

improve safety and efficiency for soldiers today. . .provide platform for autonomous truck-trailer operations in the future

Feature	Benefit	Value
3-Axis Articulation	Eliminates need for exact alignment of pintle hitch and trailer lunette	Saves time and fuel. Prevents soldiers from lifting or pushing trailers. Reduces risk of equipment damage.
Flexible installation (Plug and Play)	Enables fielding on production and/or fielded vehicles	Provides new production or recap fielding options. Gives commanders flexibility to field on trucks that tow.
Single-soldier operation	Meets original FMTV and PLS requirements documents	Enables use of trailers in Leader-Follower convoy operations.
Sensor system with video	Simplifies control process with a scalable system to add future capabilities	Enhances safety of operation. Provides platform for future autonomous truck-trailer system.



Installed on M1083 A1P2 for operational testing

Power Hitch Specifications

Specifications: FMTV Variant	
Net Weight	380 lbs.
Articulation	12" extension; 12" drop; 24" left/right travel
Gross Trailer Weight Rating	30,000 lbs.
Tongue Weight Rating	3,000 lbs.