

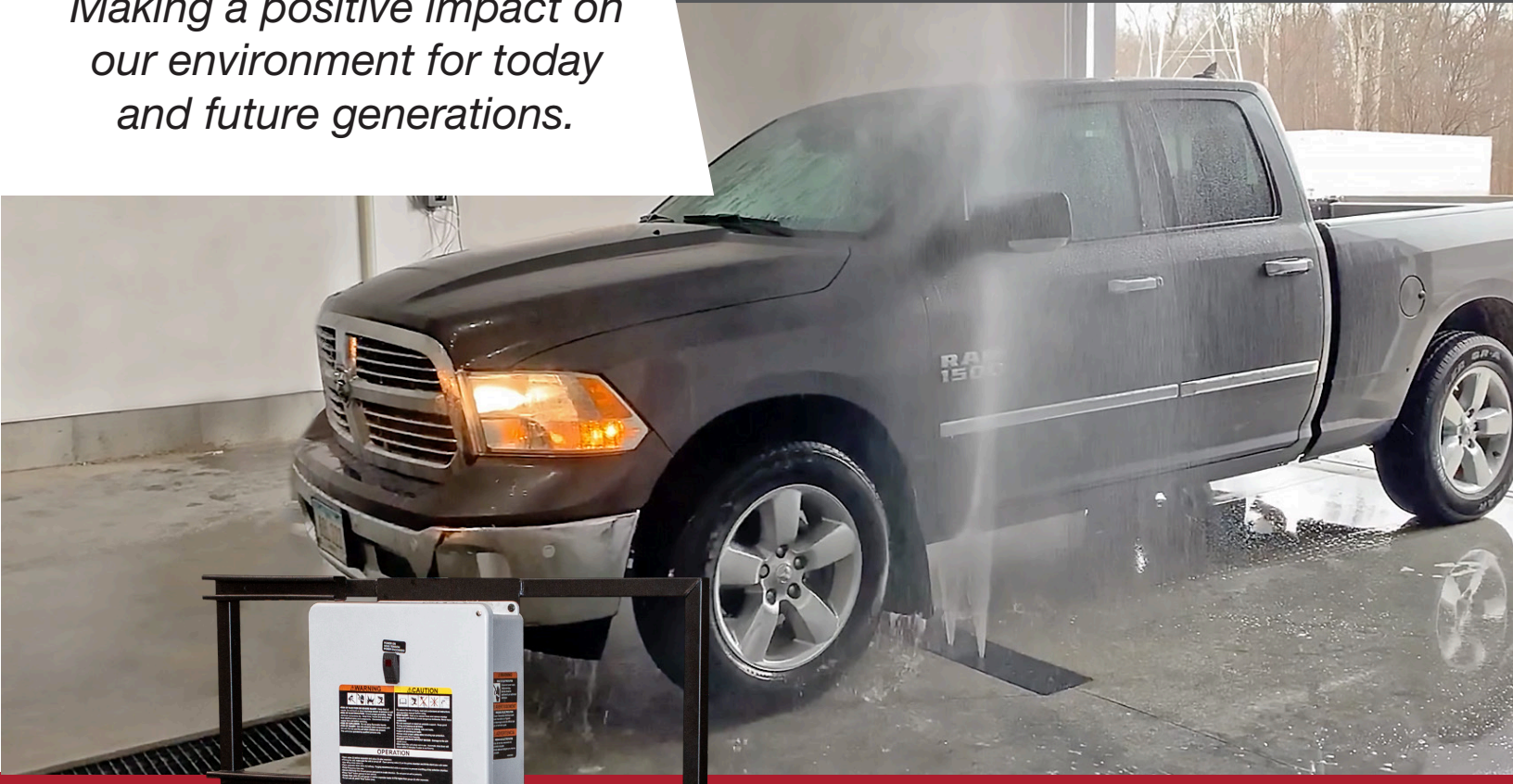


Undercarriage Wash Systems

Water Treatment Systems

Making a positive impact on our environment for today and future generations.

WCU Series



WCU Series

Undercarriage Wash Systems

THE IDEAL ACCESSORY FOR ANY WASH BAY, THIS SYSTEM HELPS TO REMOVE MUD AND GRIME BUILD-UP UNDER VEHICLES AND SMALL EQUIPMENT. BUILT IN THE USA, THE DURABLE STEEL FRAME ENSURES LONGEVITY EVEN IN HARSH CONDITIONS.

CUSTOM BUILT UNITS ARE AVAILABLE. CONSULT DEALER FOR MORE INFORMATION.



WCU-35-OME1

FEATURES

- Powder coated frame with control box and pump
- 3-foot suction hose
- 8-foot stainless-steel spray bar with 16 nozzles
- Shut-off valve
- 250-gallon holding tank
- PLC controls for automatic pump operation with photo-eye and remote box
- ETL listed control panel
- Customizable covers and spray bars available

CERTIFICATION

- ETL Certified – US and Canada



MODEL NUMBER	GPM @ PSI	PUMP	POWER REQUIREMENTS	SPRAY BAR COVER DIMENSIONS (LxWxH)	PUMP FRAME DIMENSIONS (LxWxH)	HOLDING TANK DIMENSIONS (WxH)	SHIP WT.
WCU-35-OME1	35 @ 110	3.0 HP	230V, 1Ø, 15.0A	96x6x0.5in.	4x3x5ft.	36x62in.	450 lb.
WCU-35-OME3	35 @ 110	3.0 HP	208-230V, 3Ø, 10.0A or 460V, 3Ø, 5.0A	96x6x0.5in.	4x3x5ft.	36x62in.	450 lb.
WCU-80-OME3	80 @ 70	7.5 HP	208-230V, 3Ø, 22.0A or 460V, 3Ø, 10.0A	96x6x0.5in.	4x3x5ft.	Consult Dealer	500 lb.

ACCESSORY:

PART NUMBER	DESCRIPTION	FITS MODELS
18-0017	Nozzles – Sixteen 15°, size 15 nozzles, for high undercarriages	WCU-35-OME1 & WCU-35-OME3
18-0040	Nozzles – Sixteen 25°, size 40 nozzles, for high undercarriages	WCU-80-OME3

OPTIONS:

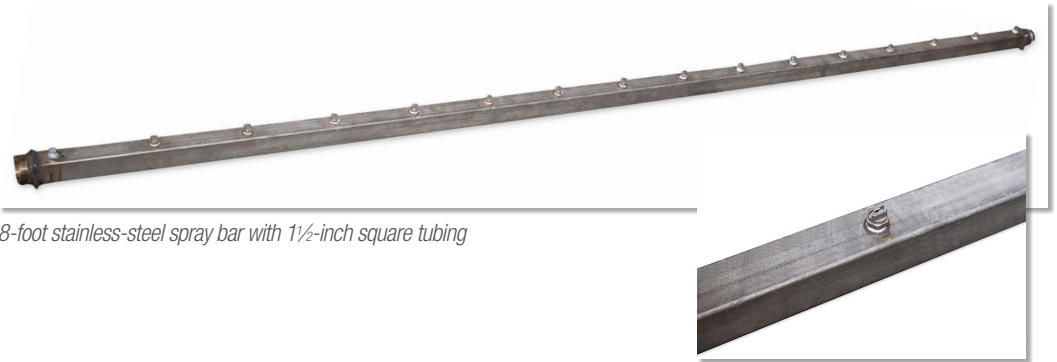
PART NUMBER	DESCRIPTION	FITS MODELS
WX-0144	460V, 3Ø – Upgrades 208-230V model to operate at 460V	WCU-35-OME1 & WCU-35-OME3
WX-0146	Detergent – Adds chemical injector to bypass line of pump, chemical gets injected at inlet of pump	All models

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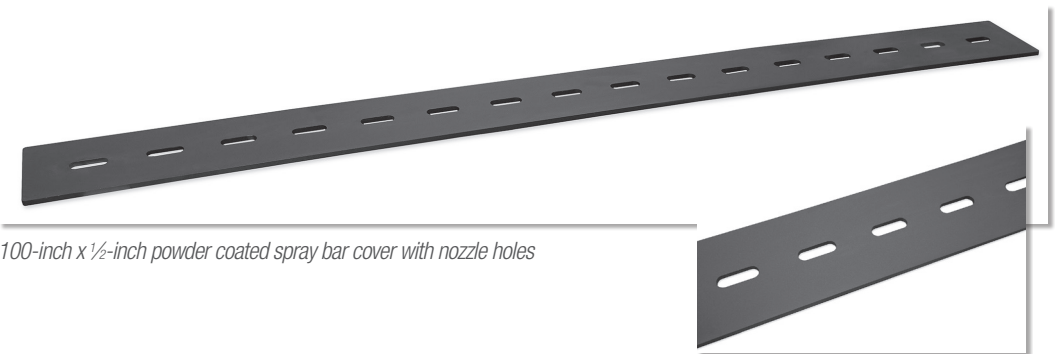
Sixteen 25°, size 15 nozzles spaced 6-inches apart, for low undercarriages



8-foot stainless-steel spray bar with 1½-inch square tubing



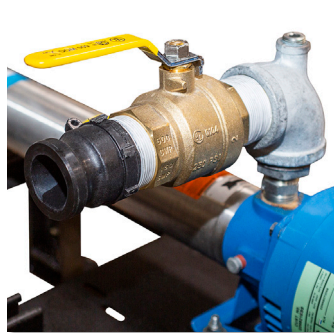
Remote box for auto/manual operation of spray bar



100-inch x ½-inch powder coated spray bar cover with nozzle holes



Photo-eye with 10-foot maximum range



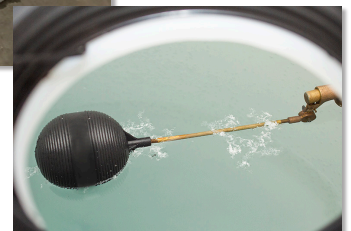
Shut-off valve



250-gallon holding tank, with brass float valve and supply plumbing

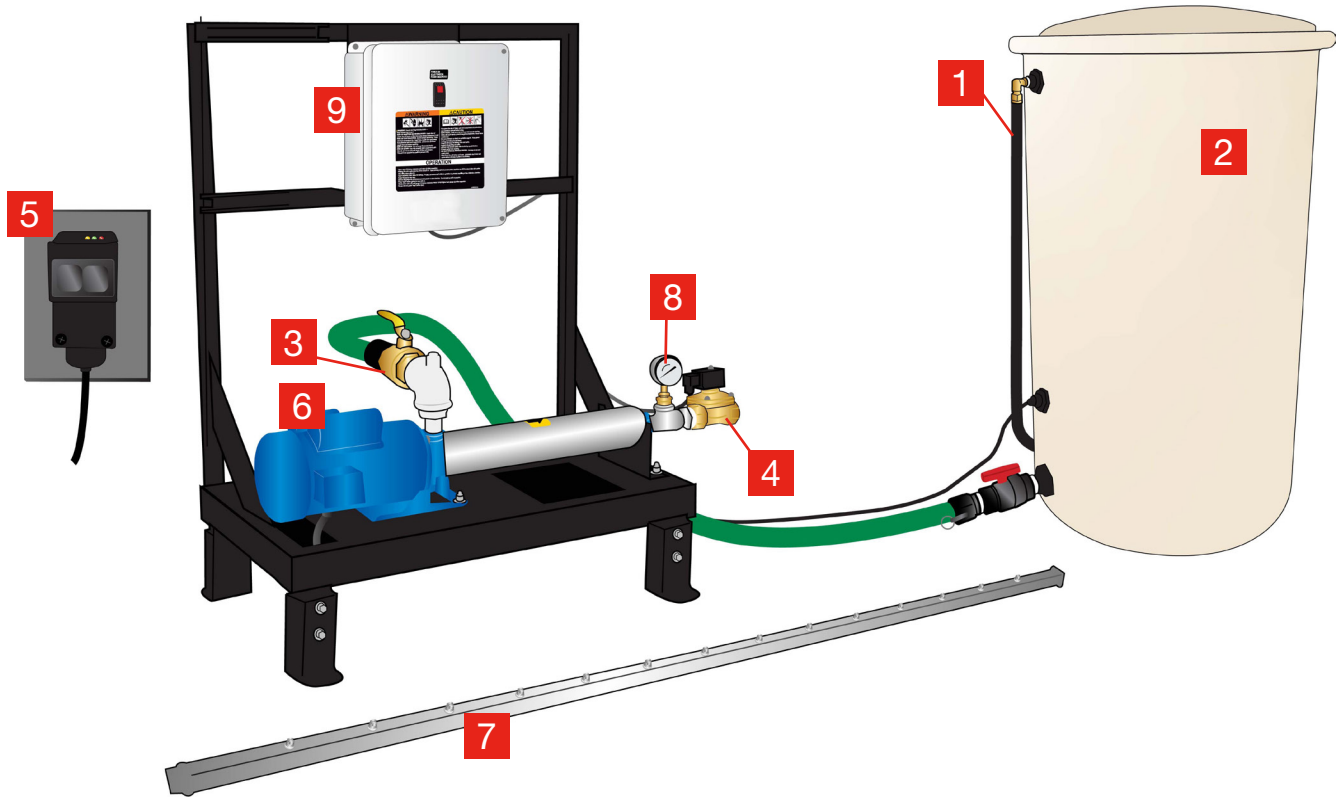


Auto flow control solenoid that opens water flow valve when system is on and closes when off to prevent drainage



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Process & Flow Description



1. **INLET CONNECTION** – Connect a fresh water supply with at least 20-PSI to the water supply tank.
2. **WATER SUPPLY TANK** – A 250-gallon tank with an automatic water level float valve supplies water to the system.
3. **WATER SUPPLY VALVE** – Connects water supply tank to undercarriage wash system.
4. **AUTO FLOW CONTROL** – Opens water flow valve when system is on, closes when off.
5. **PHOTO-EYE** – Detects incoming vehicles and equipment and sends signal to start system.
6. **MULTISTAGE WASH SYSTEM PUMP** – A 3.0 HP, 13-stage centrifugal pump increases water pressure to 110-PSI to push through spray bar at 35.0-GPM.
7. **SPRAY BAR** – Provides upward high impact spray for undercarriage cleaning.
8. **PRESSURE GAUGE** – Measures pump pressure to monitor system performance.
9. **CONTROL PANEL** – ETL listed NEMA-4 rated corrosion-proof control panel for safe and reliable operation.

McHenry
PRESSURE CLEANING SYSTEMS

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