

CHALLENGER ST SERVICE BODY

CST82 Body Specifications

STANDARD CONSTRUCTION

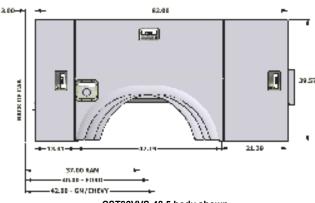
- Bulkhead (non-ribbed) 14 ga. galvanneal steel
- Compartment Bottoms 16 ga. galvanneal steel
- Compartment Tops 14 ga. galvanneal steel (one-piece integral with loadspace centers)
- Crossmember-front 7 ga. hot-rolled formed channels
- Crossmember-intermediate 12 ga. galvanneal steel

- End panels-front...... 14 ga. galvanneal steel

- Intermediate panels..... 16 ga. galvanneal steel
- Loadspace inside centers ... 14 ga. galvanneal steel (one-piece integral with compartment tops)
- Longitudinals 10 ga. galvanneal formed
- Shelving 14 ga. high-spangle galvanized (250# static load capacity)
- Tailgate 18 ga. galvanneal (double panel, formed construction)
- A-40 galvanneal construction. Two-sided zinc coated galvanneal (.40 oz zinc coating per square foot of steel) provides maximum rust and corrosion resistance.
- Body sides are constructed using plated lock-bolt fasteners.
- Floor understructure rigidly welded for structural integrity and durability. Mounting points re-inforced w/U-channel gussets.

STANDARD FEATURES / EQUIPMENT

- **Construction** Lock-bolt to provide unbeatable durability, eliminates rust-causing welding and grinding, and promotes corrosion-free, long-lasting product. Floor understructure welded for structural integrity and undercoated for superior rust protection.
- Mounting Points 6-point mounting provided so body can be easily installed on GM, RAM or Ford (only 4 points used)
- Compartment Tops Smooth seamless surface to enhance appearance.
- Cutouts Openings in intermediate panels between horizontal and adjacent vertical compartments provides extended storage between compartments.
- Door Hinges Concealed, bolt-on style provides increased security and clean appearance
- Door Latches Bolt-on rotary style with stainless steel paddle handles and stainless steel pans.
- Lock Cylinders are keyed alike with double-bitted keys and are power door lock ready for easy after-market installation.
- Door Striker Adjustable, bolt-on.
- Front Vertical Doors Spring-loaded hinges hold door in the fully open position and assist in closing.
- Rear Vertical Doors Spring-loaded door holders to hold doors in the fully open position and assist in closing.
- Horizontal Doors Use vinyl coated aircraft quality cables for support in open position.
- Automotive Style Door Seal STAHL-engineered clip-on to allow easy removal for painting, replacement and quicker installation. Door seals against a flat surface for extra protection against water leakage.
- Drip Rail Concealed to provide extra protection against water leakage.
- Fender Panel Kits Chassis specific bolt-on die-stamped with radius wheel opening allows body to mount on GM, Ford or RAM vehicle. Aluminum Fuel Fill is included in street side fender. RAM kit includes frame extension brackets
- Tailgate Two point slam-locking featuring anti-rack/rattle hardware.
- Shelving Bolt-in material trays with dividers in vertical compartments and curbside horizontal compartment.
- **Powder Coat Finish** Body exterior, compartment interiors, and cargo area surfaces are finished in a durable, corrosion resistant white powder coat.
- Undercoating On bottom of floor and wheelwells.
- STAHL's exclusive 5-year "No Rust, No Bust" warranty.



CST82VVS-48.5 body shown

STANDARD SHELVING PACKAGE

COMPARTMENT	COMPT. WIDTH	CURBSIDE COMPARTMENTATION	STREETSIDE COMPARTMENTATION	
Front vertical	13.41"	(1) adjustable tray with dividers	(1) adjustable tray with dividers	
Horizontal	47.19"	(1) adjustable tray with dividers	Open	
Rear vertical	21.41"	(2) adjustable trays with dividers	(2) adjustable trays with dividers	

DIMENSIONAL SPECIFICATIONS

DESCRIPTION	82VVS	82VVSL	82VVSLT
Overall Body Length	82"	82"	82"
Loadspace Floor Width	48.50"	48.50"	48.50"
Overall Body Width	79.98"	79.98"	79.98"
Cab-to-axle	37", 40", 42"		
Front Vertical Width	13.41"	13.41"	13.41"
Clear door opening	9.06"	9.06"	9.06"
Horizontal Width	47.19"	47.19"	47.19"
Clear door opening	45.31"	45.31"	45.31"
Rear Vertical Width	21.41"	21.41"	21.41"
Clear door opening	17.34"	17.34"	17.34"
Vertical Compartment Height	39.50"	36.00"	36.00"
Clear door opening	36.37"	32.87"	31.13"
Horizontal Compartment Height	18.07"	14.57"	11.19" *
Clear door opening	14.94"	11.44"	9.69" *
Side Compartment Depth (useable – above offset)	13.63"	13.63"	13.63"
Floor-to-Compartment Top Height	25.50"	22.00"	22.00"
Tailgate Height Above Floor	9.10"		
Tailgate Height Overall	11.22"		

* Note: Top Pak clear door openings are from the bottom of the Top Pak pan.

OPTIONAL EQUIPMENT

- Back Up Alarms
- Bar Lock Master Locking System
- Bumpers
- Crane Reinforcement (2,000-4,000#)
- Dome Lights
- Drawers
- Folding Steps & Grab Handles
- Primer Paint
- High Roof

- Hitches
- Hooks
- Ladder Rack
- Light Kit LED
- Louvers
- Low Sliding Roof
- Off-Road Mounting Kit
- Shelves
- Paint an Installation

- Pipe Carrier
- Power Door Locks
- Tie-Down Ring
- Tire Carrier
- Top Pak (add-on)
- Trays
- Treadbrite Overlay



Due to constant product evaluations and improvements, specifications are subject to change without notice.