

## OMAHA SERVICE VEHICLE “OSV” SPECIFICATION SHEET

### I. BODY

- a. Omaha Service Vehicle for single or dual wheel cutaway chassis having cab-to-axle (C.A.) of 80”, 100” and 118”.

### II. OVERALL LENGTH

- a. 132”, 144”, 152”, and 168”

### III. OVERALL WIDTH

- a. 84 ½” or 94 ½”

### IV. OVERALL SIDE COMPARTMENT HEIGHT

- a. 40”

### V. HEIGHT FLOOR TO TOP OF SIDE COMPARTMENT

- a. 29 ½”

### VI. FLOOR WIDTH

- a. 54 ½” - no wheel boxes (Single Wheel)
- b. 54 ½” with 6” wide wheel boxes (Dual Wheel)

### VII. COMPARTMENT DEPTH

- a. 15” (Single Wheel)
- b. 20” (Dual Wheel)

### VIII. COMPARTMENT LAYOUT

- a. “V” configuration both sides – full height vertical compartments front and rear; horizontal compartment at center.

	<u>132” OSV</u>	<u>144” OSV</u>	<u>152” OSV</u>	<u>168” OSV</u>
i. Front compartment width	33”	33”	29”	29”
ii. Intermediate compartment width	24”	24” & 22”	24” & 24”	24” & 24”
iii. Horizontal compartment width	46”	46”	46”	46”
iv. Rear compartment width	24”	19”	29”	20” & 25”

### IX. UNDERSTRUCTURE

- a. Rear cross members – 7 ga. formed steel channel
- b. Intermediate cross members- 7 ga and 10 ga. formed steel channel
- c. Longitudinal stiffeners – 12 ga. formed steel channel, (4) full length reinforcements.
- d. Floor – 1/8” safety treadplate steel.

## OMAHA SERVICE VEHICLE “OSV” SPECIFICATION SHEET

### X. COMPARTMENT CONSTRUCTION

- a. Front and rear end panels - 14 ga. A40 two-sided galvanized steel.
- b. Bottom panels - 14 ga. A40 two-sided galvanized steel.
- c. Top panel - 14 ga. A40 two-sided galvanized steel.
- d. Intermediate panels - 14 ga. A40 two-sided galvanized steel.
- e. Horizontal comp. bottom panel - 14 ga. A40 two-sided galvanized steel.
- f. Fender panel - 16 ga. A40 two-sided galvanized steel with die formed wheel radius section.
- g. Back panel - 14 ga. A40 two-sided galvanized steel.
- h. Rubrail - 14 ga. A40 two-sided galvanized steel. Bottom outside edge of rubrail (drip rail) has 3/8" hem for additional strength.

### XI. DOOR CONSTRUCTION

- i. Double panel construction of 20 ga. A40 two-sided galvanized steel with an interior steel “C” channel stiffener bonded to panels with structural adhesive to eliminate welds. Double panels are bonded together with structural adhesive to eliminate welds on doors.
- j. Latch - all stainless steel rotary paddle latch; two-stage safety catch; tamper proof cylinder lock; fully weather proof sealed stainless steel housing; bolted to inside of door for ease of replacement.
- k. Striker pin - stainless steel pin, adjustable and located inside the primary seal. Mounted on 10ga. adjustable slotted bracket.
- l. Hinge - full length all stainless steel hinge with concealed hinge leaves and 1/4" stainless steel rod. Bolted to door frame for security and for ease of replacement.
- m. Door seal - full perimeter automotive neoprene bulb seal with 3M adhesive backing. Seal has continuous contact with door.
- n. Horizontal door holder – heavy duty cable.
- o. Vertical door holder – dual-spring loaded adjustable door stay.

### XII. TRAYS & SHELVES

- a. (4) front compartment and (1) horizontal compartment divider tray - standard. Trays are 16 ga. galvanized steel, 2" lip front & rear with divider slots on 2" centers. Vertical and horizontal compartment trays are adjustable via clips on 4" centers. Divider trays with 3" lip are available for "H" model horizontal compartment. Tray dividers are galvanized steel and hemmed on top.
- b. (2) rear compartment shelves - standard. Shelves are 16 ga. galvanized steel, 1" lip on one side with lip flanged opposite on other side so shelf can be installed with front lip either up or down.
- c. Rear vertical compartment shelves are adjustable via clips on 4" centers.

## OMAHA SERVICE VEHICLE “OSV” SPECIFICATION SHEET

### XIII. FRONT BULKHEAD

- a. 14 ga. A40 two-sided galvanized steel. Upper section full body width with (2) vertical side sections; Center section left open for walk through.
- b. Center Sliding Door: 14 ga. two-sided galvanized steel. Door mounted on upper and lower Teflon glides, center latching handle and 12 x 15 permanent window mounted in rubber.
- c. Solid bulkhead without walk-through feature.

### XIV. INTERIOR HEIGHT

- a. 56”, 64”, and 74”

### XIV. OVERALL HEIGHT: (including side compartments)

- a. 69” (56), 77” (64), and 87” (74)

### XV. ROOF

- a. One piece top section 18 ga. A40 galvanized steel. Formed to wrap over side panel top rails to shed water. Center section raised to enhance overall appearance of unit.
- b. Inside roof bows, 14 ga. galvanized steel.

### XVI. REAR HEADER

- a. 10 ga. A40 galvanized steel formed. Holder for rear door stays incorporated.

### XVII. SIDE PANELS

- a. Full length tapered side panels, 14 ga - A40 galvanized steel.
- b. Flat Panels with 2-point gusseting.

### XVIII. END PANELS

- a. Formed to match side panels 14 ga. A40 galvanized steel.

### XIX. SHELVING

- a. Formed 4” front retaining lip with additional 5/8” return for added strength - 14 ga. A40 galvanized steel.
- b. One shelf per side in addition to compartment top.
- c. Shelf retainer rails welded to inner edge of compartment top to create an lower shelves. 14 ga. A40 galvanized steel with formed 4” lip with additional 5/8” return to match shelves.

### XX. REAR DOORS

- a. Dual rear doors with 9" wide x 34" high x 3/16" safety glass installed with continuous rubber seal.

## OMAHA SERVICE VEHICLE “OSV” SPECIFICATION SHEET

- b. Double panel construction of 20 ga. A40 galvanized steel with an interior steel “C” channel stiffener bonded to panels with structural adhesive to eliminate welds.
- c. Latching
  - 1. Right Door (Overlapping Door). All stainless steel two-point paddle latch on outside of door with release cables on inside of door attached to rotary latches at top and bottom of door. Tamper proof lock. Weatherproof stainless steel housing riveted to door for ease of replacement.
  - 2. Left Door. Interior mounted zinc plated latch, control handle in center, with dual lock rods to secure door at top and bottom of body. Rotary latch striker pins are located on the inside of the door at the outer edge to secure the right door at top and bottom.
- d. Hinge - full length all stainless steel hinge with concealed hinge leaves and ¼” stainless steel rod. Bolted to door frame for security and ease of replacement.
- e. Door seal - full perimeter automotive neoprene bulb seal with 3M adhesive backing. Seal has positive continuous contact with door.

### XXI. PAINT

Pre-Paint Preparation and Primer – Electrocoat Process.

\*All product goes through a multi-stage immersion cleaning and rinsing process to thoroughly clean all surfaces.

\*The product is then immersed in a chemical bath to prep the steel for optimum zinc phosphate adhesion prior to immersion in the zinc phosphate tank.

\*The zinc phosphate stage then puts a base zinc crystalline structure on the steel for superior paint adhesion.

\*A subsequent sealer rinse tank seals the pretreated surface to optimize corrosion resistance.

\*Two reverse osmosis rinse tanks insure the product is free from mineral deposits prior to painting.

\*The product is then immersed in an epoxy electro-deposition tank where gray epoxy prime paint is charged onto the product.

\*After two final permeate rinse tanks remove any excess epoxy material and insure a consistent surface finish, the product is oven cured at 350 degrees for 40 minutes to fully crosslink and cure the electrocoat primer providing an extremely durable and rust resistant finish.

### XXII. LIGHTING KITS

- a. Standard light kit (XBL-16) for all bodies consisting of:
  - 2 Truck Lite Model 19 marker light
  - 2 Truck Lite Model 40 red stop, tail and turn, clear-back lamp with black rubber mounting grommets
  - 2 Truck Lite Model 40 clear lens backup lamp with black rubber mounting grommets
  - 4 Adhesive back 2” red reflector

## OMAHA SERVICE VEHICLE "OSV" SPECIFICATION SHEET

- 1 Complete wire harness with Chevrolet chassis connector
- 1 Peterson PM346 license plate bracket with light
  
- 2 Model 19 yellow clearance light

### XXIII. BUMPER ASSEMBLY

Grip punch bumper, 12 ga. A40 two-sided galvanized step-type bumper, raised flanges in punched array of holes provide excellent non-slip surface. 10" step with 3" riser furnished with "quick mount" installation brackets. Furnished with 32" long center step, dropped 5" for easy access to body.