



**FWD SEAGRAVE**



**WHY BUY A  
SEAGRAVE**

# What Seagrave Sells

- Safety
- Longevity
- Lower Maintenance
- Higher in service time



# Why Buy A Seagrave

- Single Source manufacturer.
- Reputation proven in the toughest environments. (New York, Los Angeles, Washington D.C., Louisville, Chicago, Salt Lake City, "Your Town".)
- Full range of custom chassis, pumpers, & aerials.
- Cabs built with "Structural Safety Cage Design".
- **Stainless Steel** Construction for extreme durability and corrosion resistance
- Skilled & dedicated employees with years of experience. (Many with Fire fighting & Rescue experience)
- Full customer support after the sale.
- Proven longevity by being the only apparatus manufacturer that has been in continuous operation since 1881.
- AutoCAD, **3D modeling (Solid Works), FEA (Finite Element Analysis)**
- Low maintenance designs that provide ease of access for mechanics
- Low cost of ownership
- Best Lifetime Value in the industry
- **A Seagrave fire truck is an Investment in unparalleled Safety, Longevity and Reliability**



# Facilities



- 540,000 total square foot facility on 58 acres
  - Fabrication & Paint - 243k Sq Ft (1914)
  - Assembly & Testing - 137k Sq Ft (2006)
  - Tilt Table and Pump house (2012)



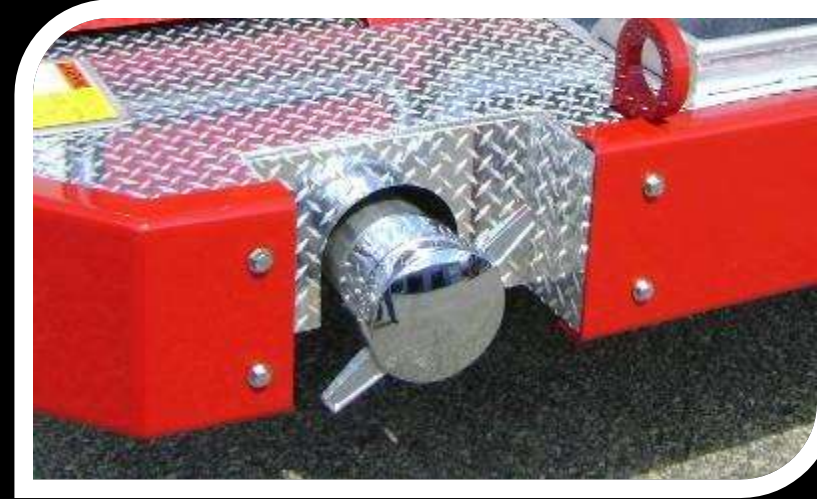
# Front Bumpers

- Std Bumper
- Painted Bumper
- Polished Angled Bumper
- Linex'd Angled Bumper





# Frnt. Suctions



# Tow Attachments



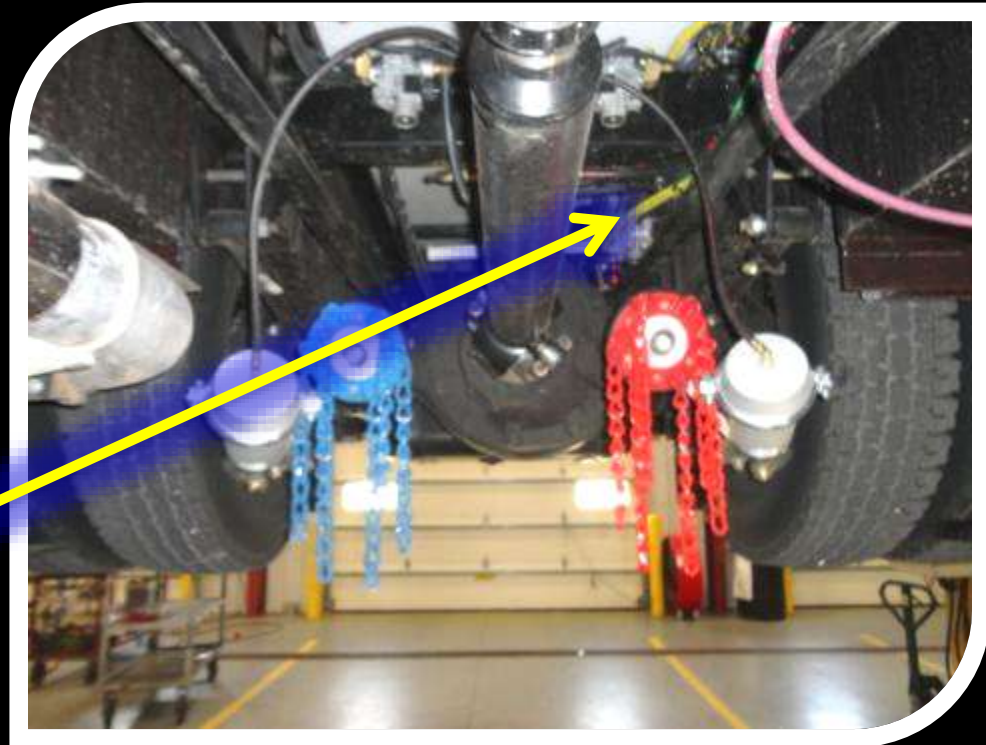
# Rear tow Eyes





# Air Lines

Color Coded  
Down Driver's Frame Only



# Air Dryers



Bendix AD-9



Wabco System Saver  
1200



# NFPA 4.13.1 Rollover Stability



Tilt Table

ESC



# Steel or Alum Wheels

Continental

**GOODYEAR**  
MORE DRIVEN.

or

**MICHELIN**  
A better way forward

## Grease Seals or Oil Seals

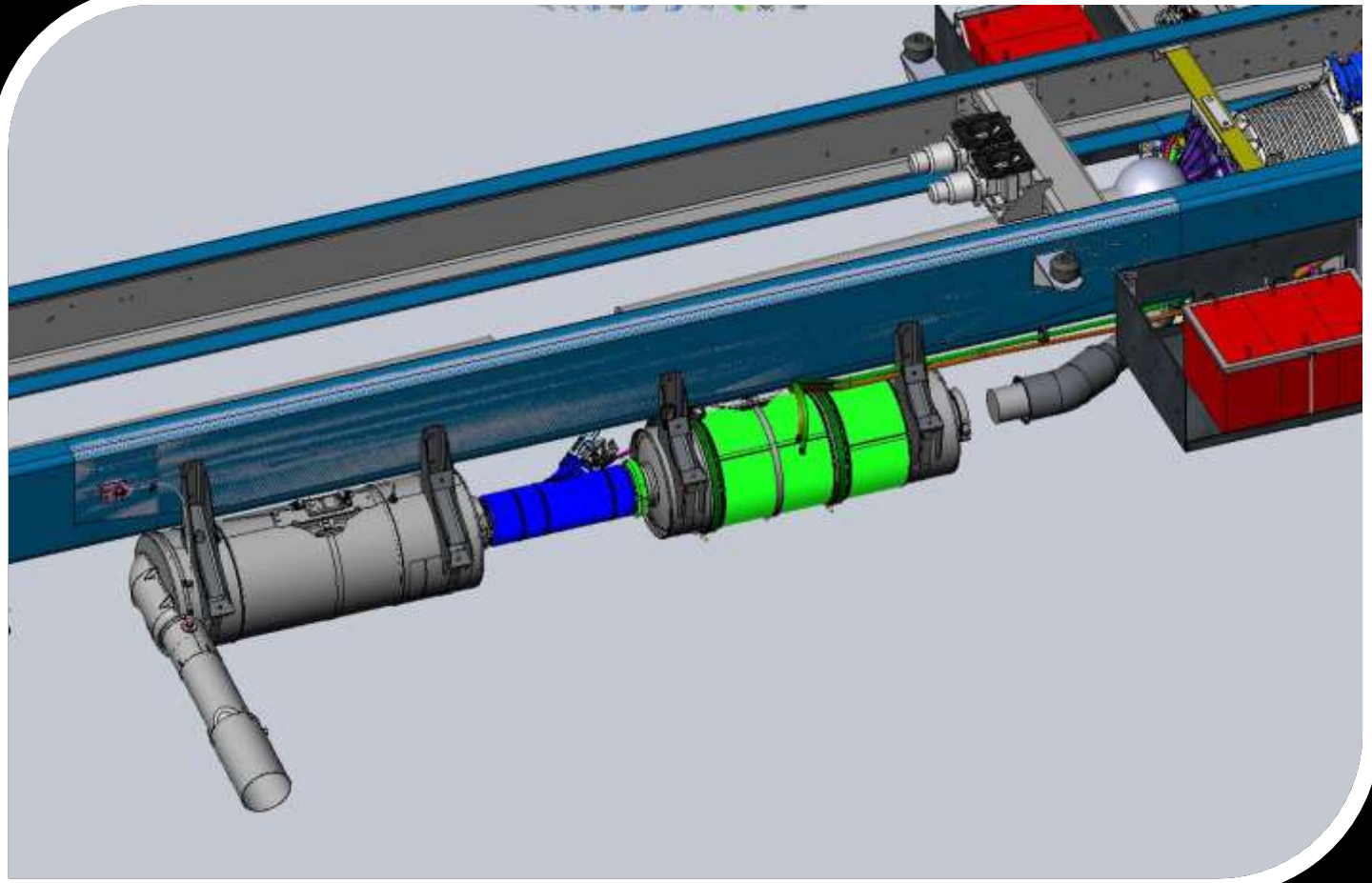




# Accuride Safety Caps



# In-Line Exhaust







# Air intake & Filter





# Air Intake



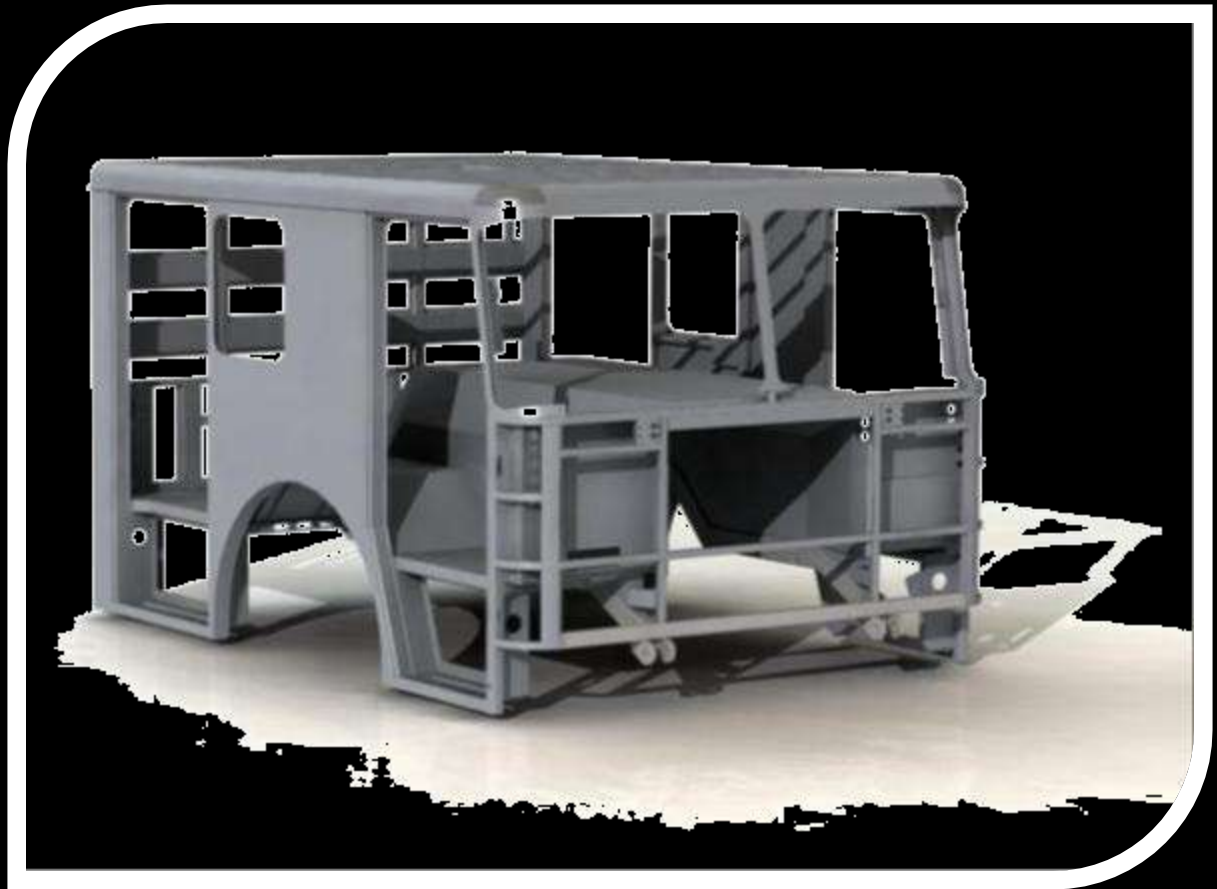
# Radiator Overflow



# Marauder 2010



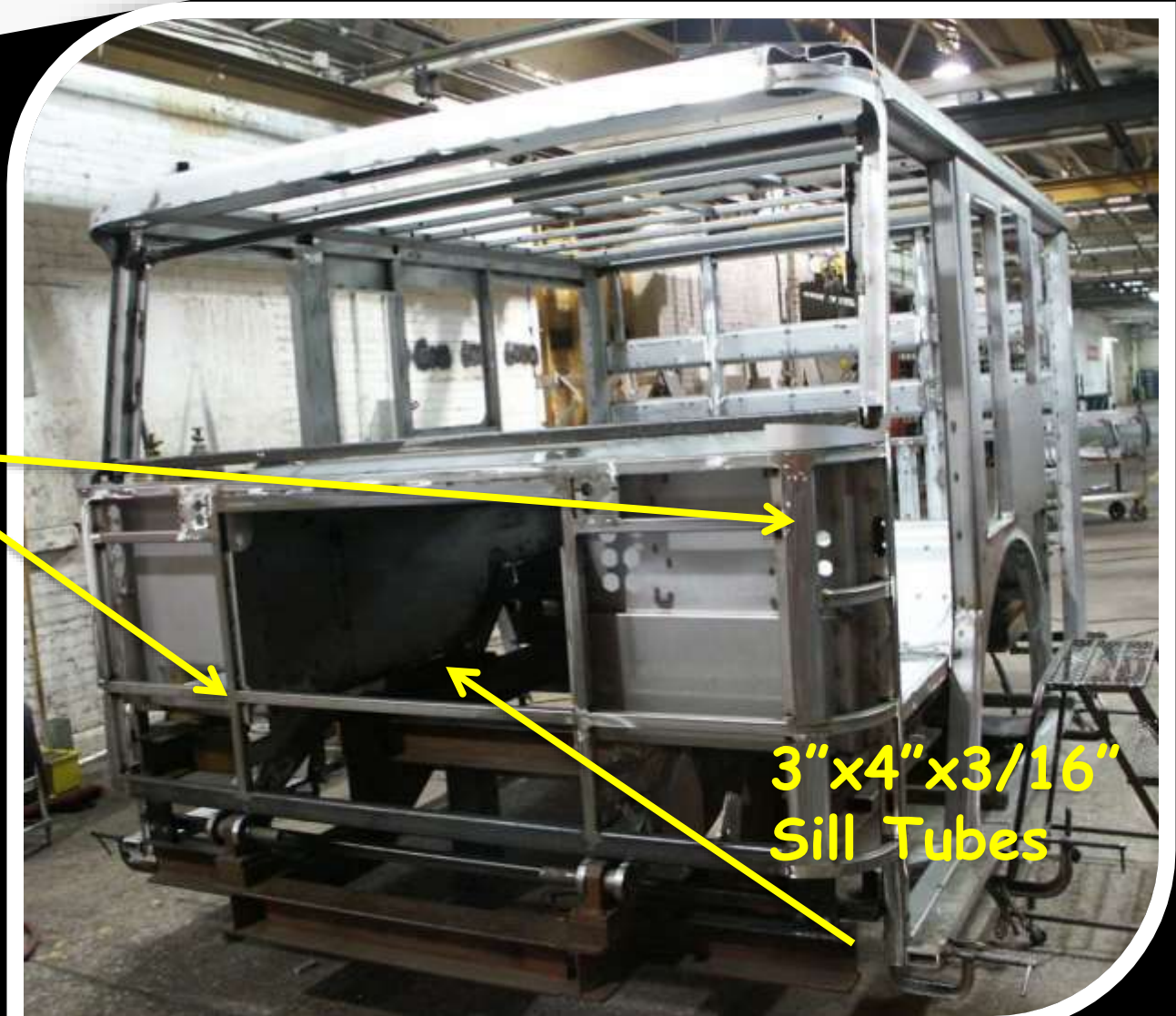
# Cab Structure





# Seagrave Safety Cage

Massive  
Front End



3"x4"x3/16"  
Sill Tubes

# Safety Cage Occupant Safety

Compare !

Seagrave



Competitor



Competitor





# Seagrave Safety Cage

1-1/4"x 3/16"  
Tubing.

Welded Nuts  
for long life  
support



# Cab Doors

- Barrier Doors (std)



- Long Doors (opt)





# Inner Door Panels

- Upper

- Lower



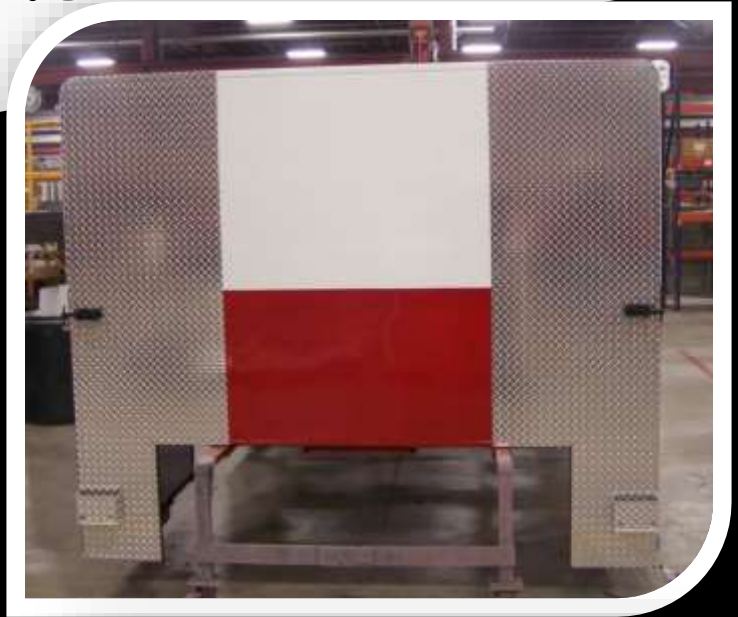
# Linexed S/S Panel Option

Stop Sign Optional



# Back Wall Options

strips



Full





# Front Grill





# Cab Roof



# Intermediate step



# Cab Access Doors

- 25"



37"



# Cab Access Doors

- Optional Driver's side compartment





# Fenderettes



Polished S/S



Optional Rubber



# Mudflaps



# Mirrors





# Washer Bottle Fill





# Driver's Area



# Sun Visors

Lexan



Vinyl



# Vehicle Dimension & Weight Placard

Located over driver's door





# Optional Front Handrails



# Zone #16

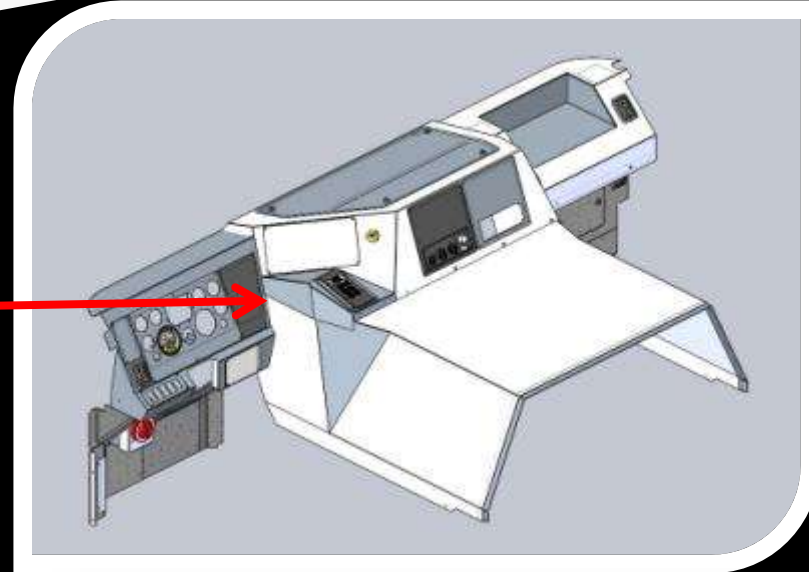


# Optional Elbow Pads



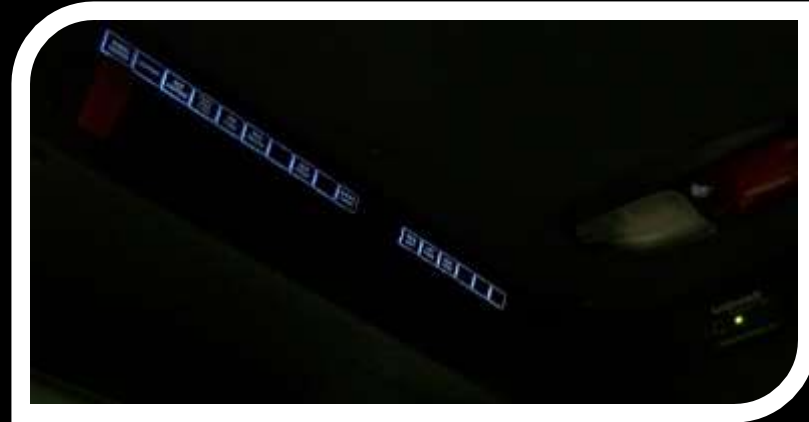
# Lower Cab Dash Area

- Angled switch panel and transmission pad by driver for greater ergonomics
- Added area for laptop computer install by officer

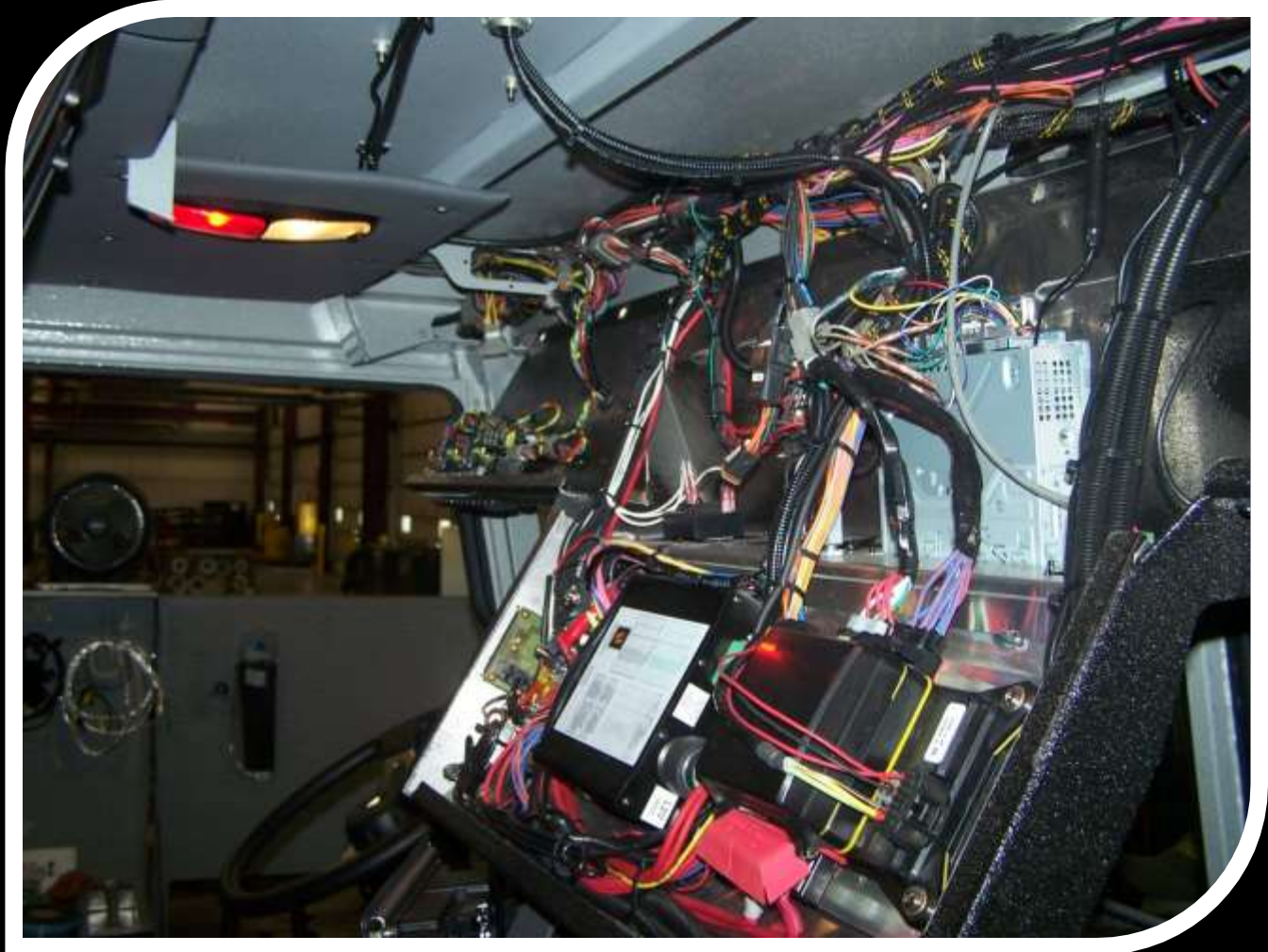




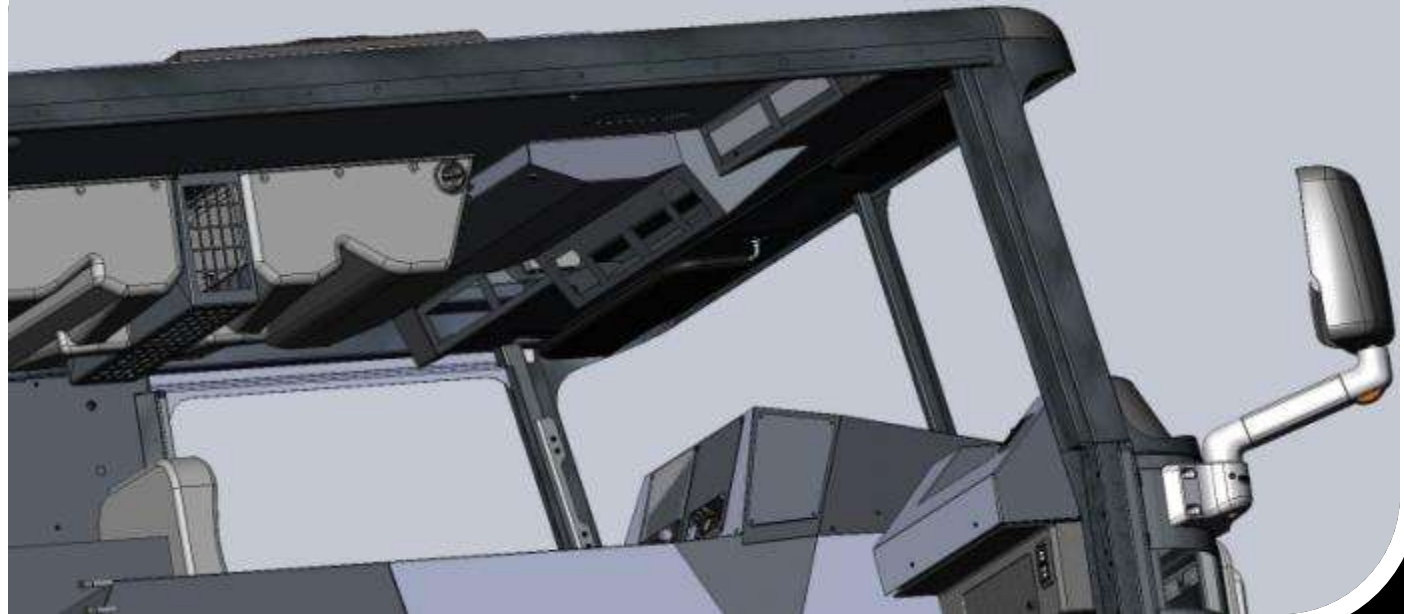
# Cab Switching Upper



# Tilt Down Panel



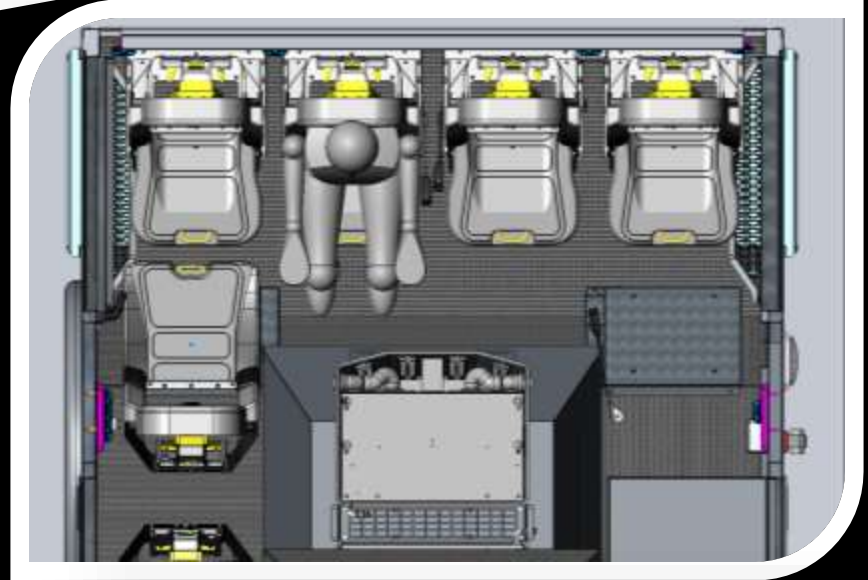
# Upper Panels



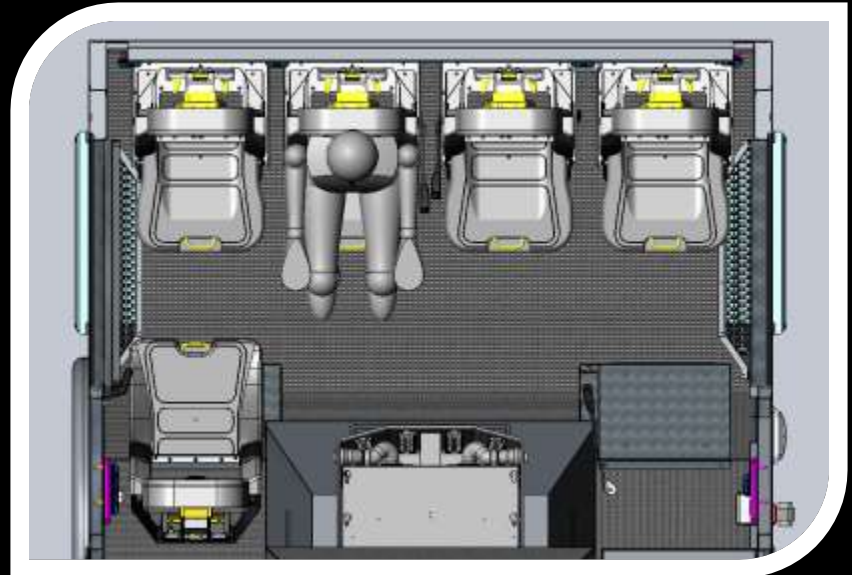


# Cab Seating

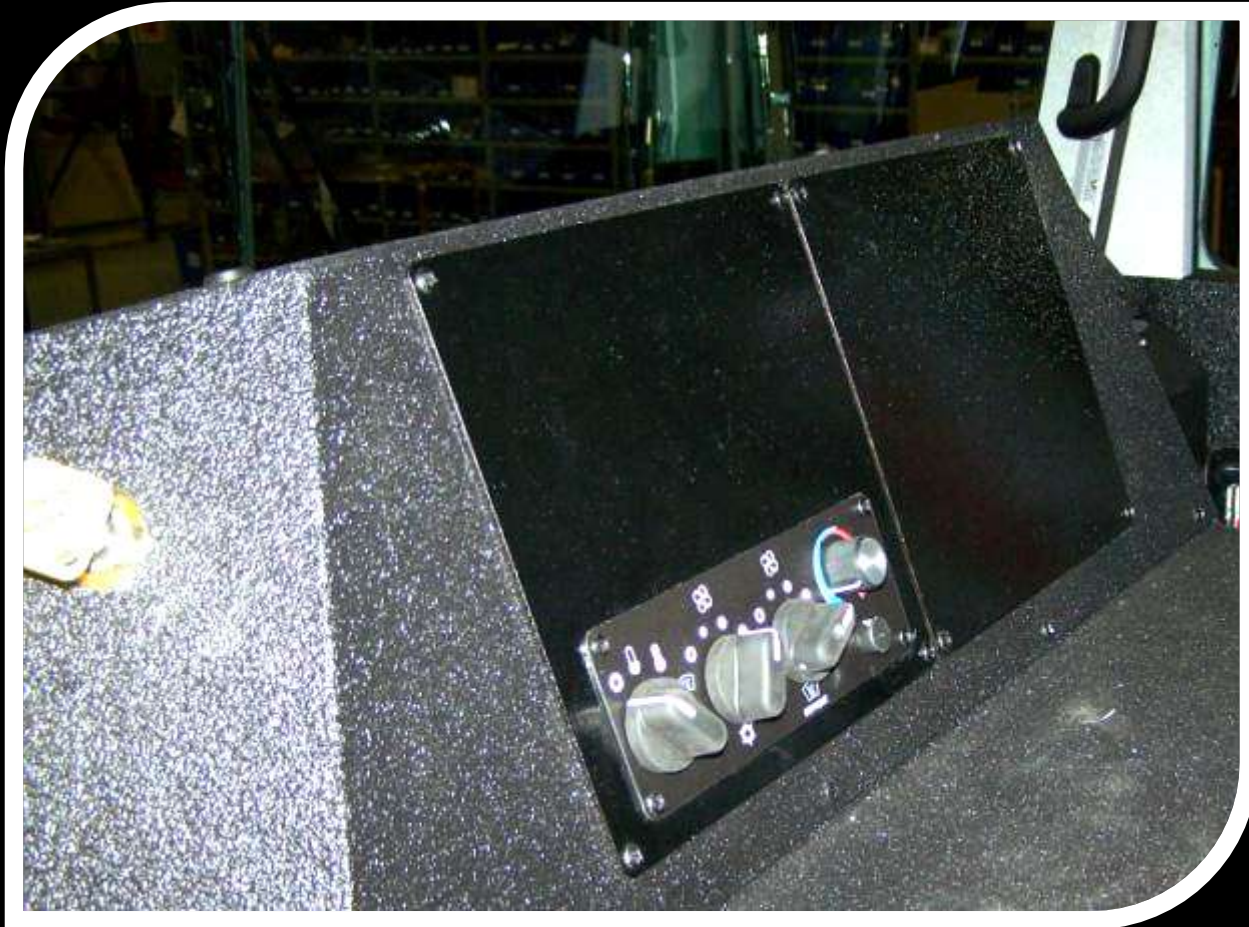
131 cab



141 cab



# A/C Heat Controls

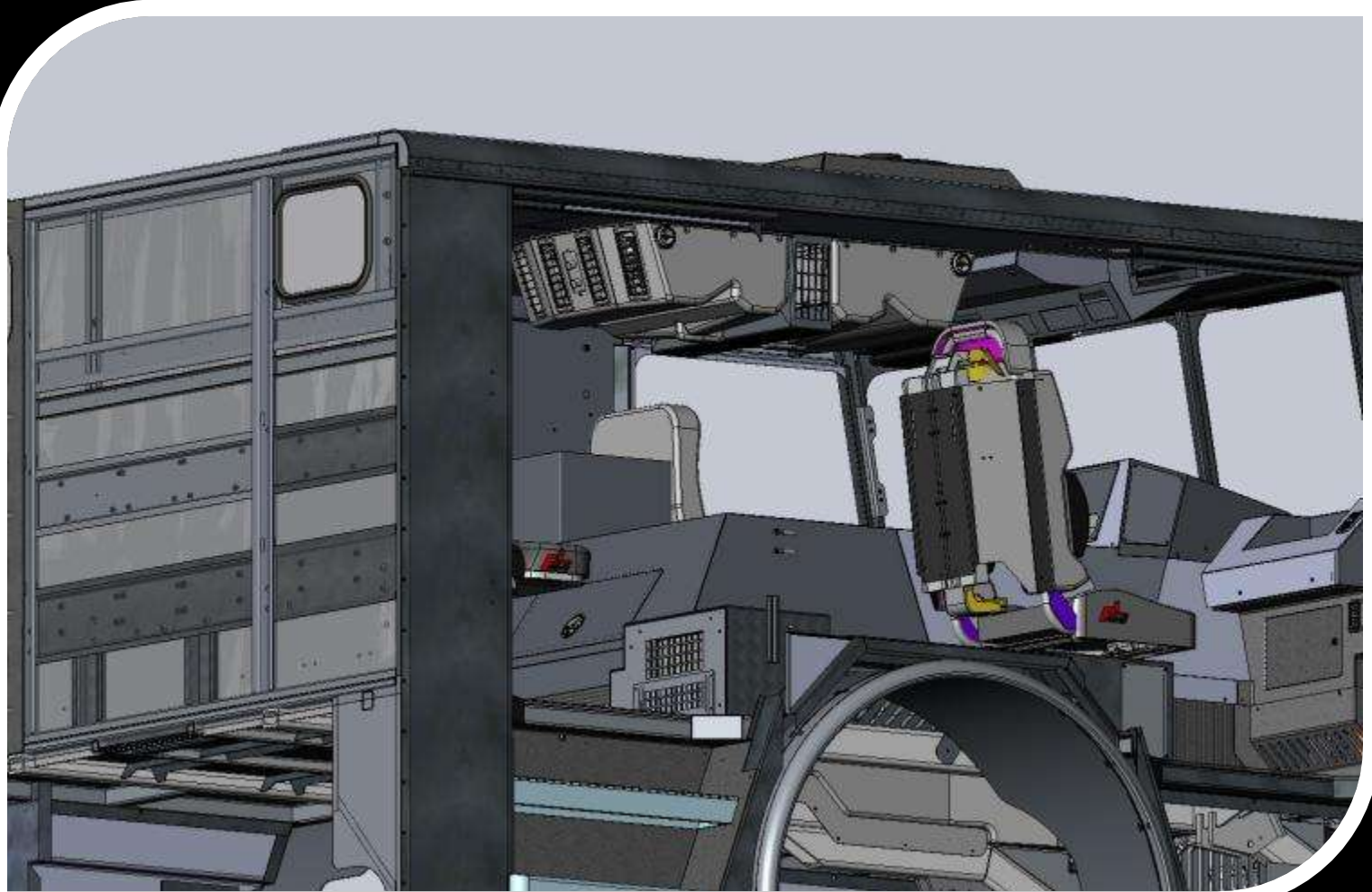


# Defroster

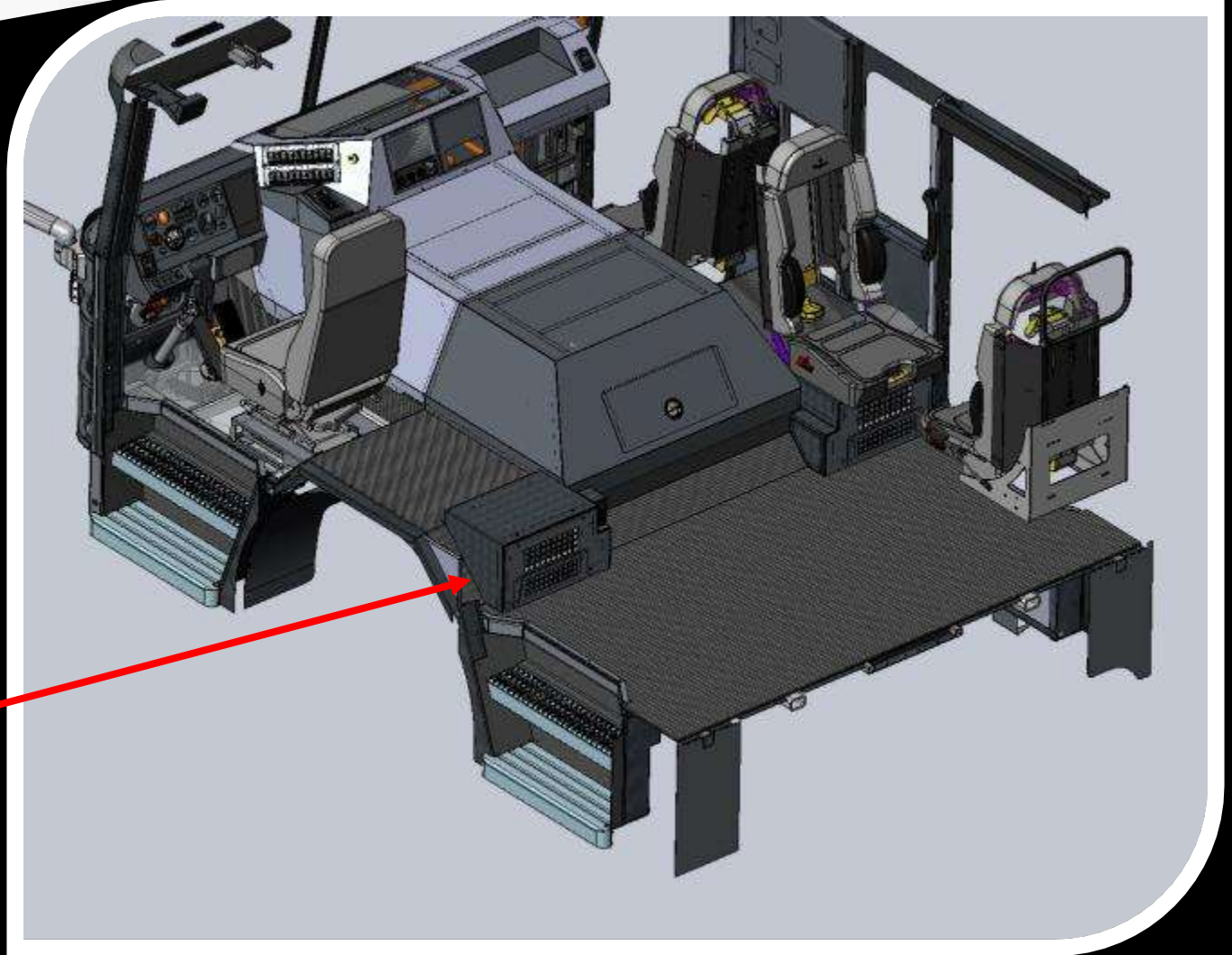




# Rear Evaporator



# Crew Heaters



# HVAC Shutoff Valves





# Map Box / Cup Holders





# Info II Center



# Data Recorder Jack



# Intelllex Plus

- Bussmann Vec Multiplex module gives the familiarity of a hardwired system making maintenance easy—also the display screen in the cab will show personnel exactly which relay has to be changed





# Back Up Camera

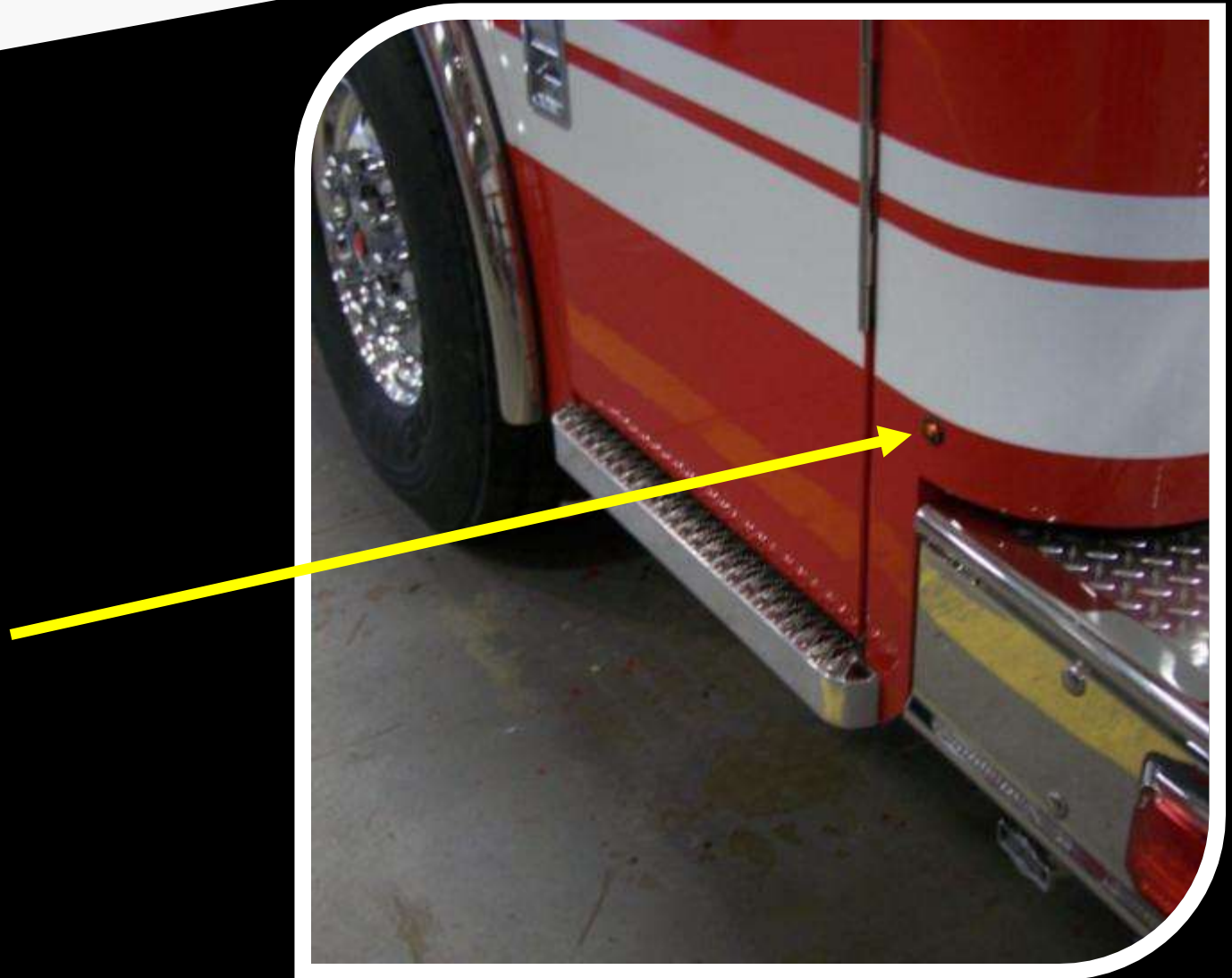


# Battery Charger

On Wall Behind Driver's Seat



# Side Marker on Cowl





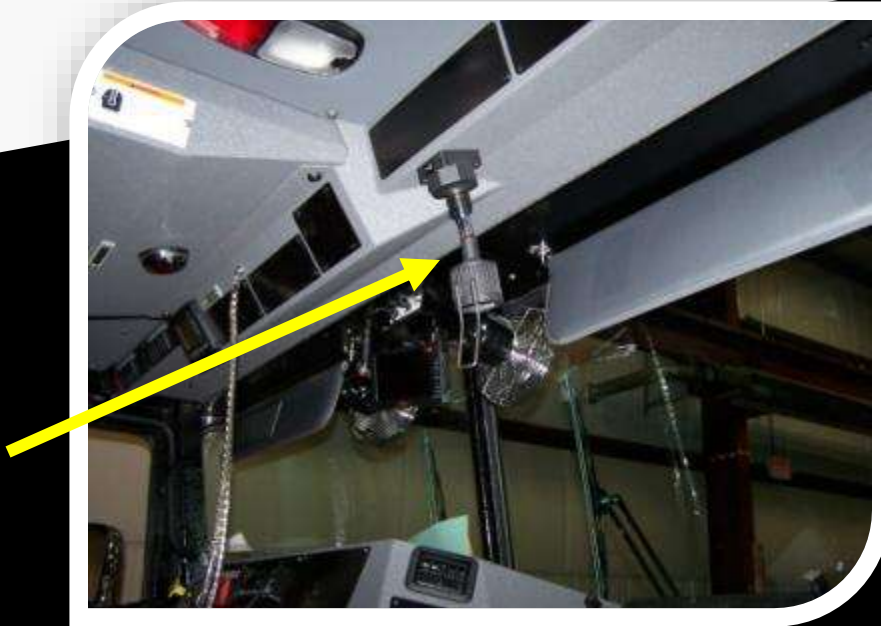
# Directional light options



# Access Ladder Lights



# Map Desk - Map Lights





# Pump Panels



- Brushed



- Linex'd



# Pull Out Step



# Pump Plumbing Access Door



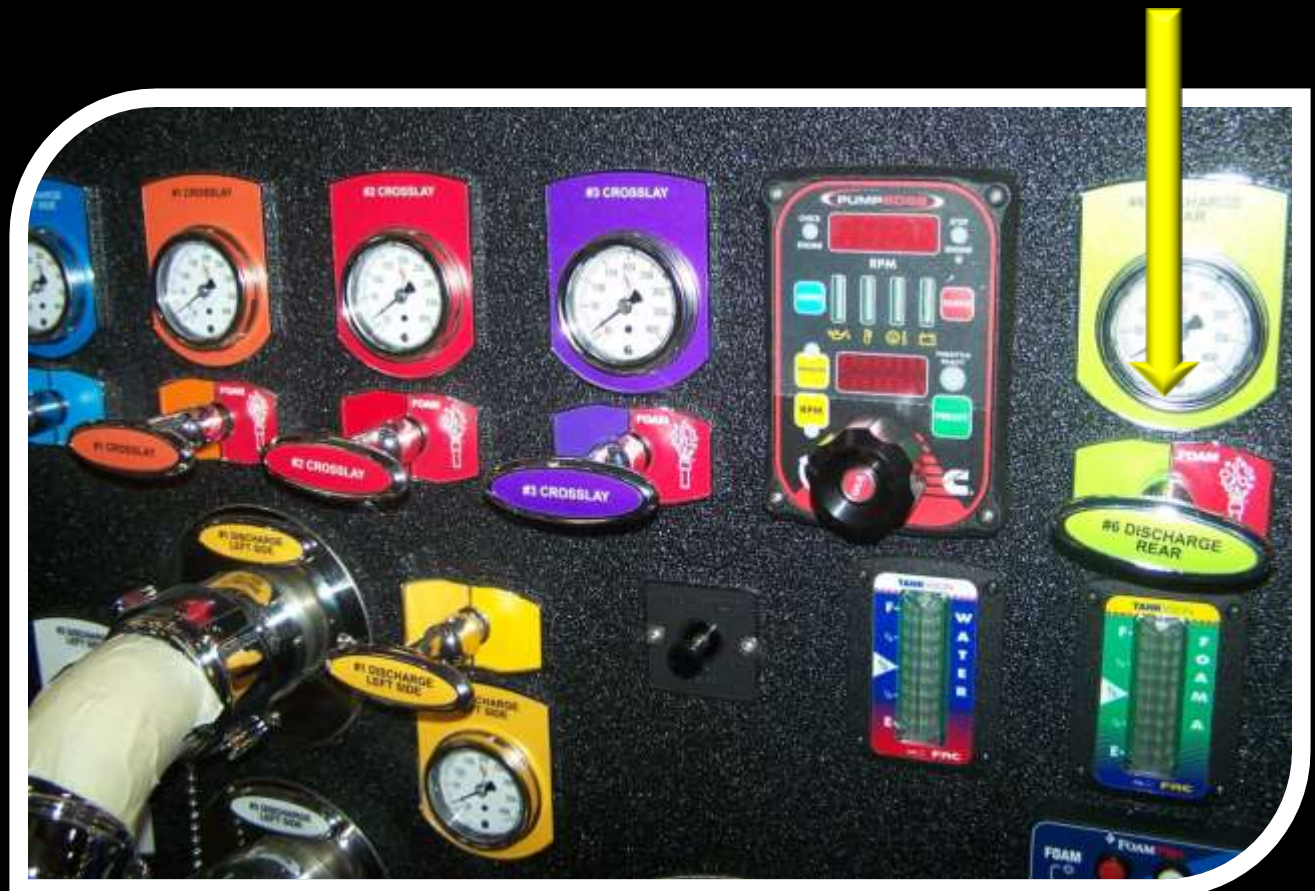


# Water Pumps



# Labeling

Labels allow for dual designators



# Manifolded Pre-Engineered Plumbing

Belled End Fittings—no butt welding





# Body



# Compartmentation



# RS1 BODY

Exhaust notch



Roll Door  
Shield



VENTS



# Body Options



# Hosebed

- Spacious hosebed
- 1000' of 5"
- Large 12" x 23" hose chutes for ease of deployment
- Chutes are approx. 59" off the ground



# Rub Rails





# The heart of the product.

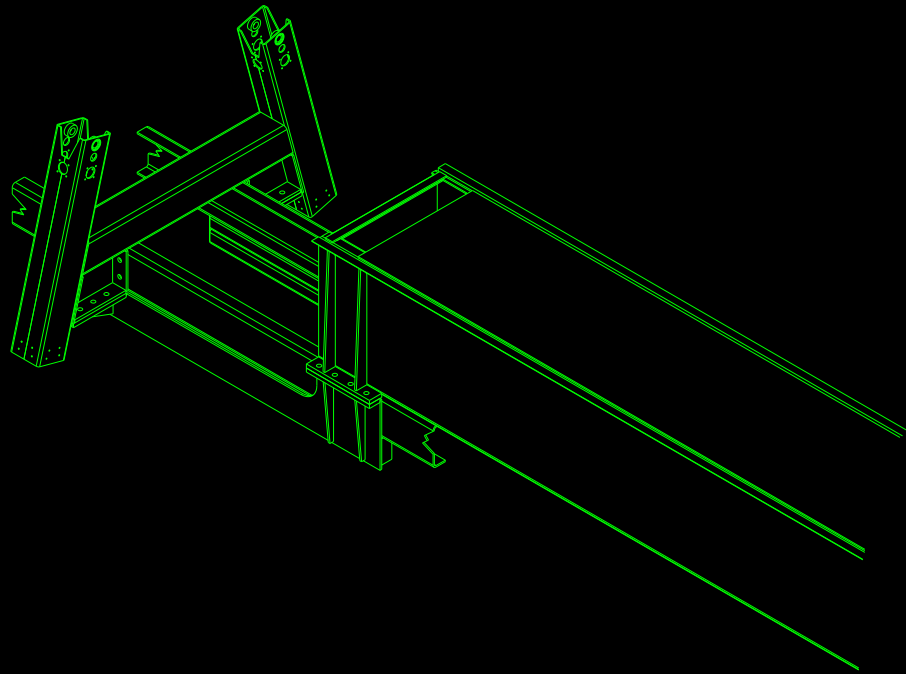
- Torque tube
- High strength steel
- Does not rely on frame to provide the torsional stiffness for the aerial device
- Placement of outriggers maximizes compartment space



# Torque tube



# "A" frame





# Front "A" frame outrigger system

- Short spread of 90"
- Do not protrude wider than the cab when fully deployed
- Allows the mounting of telescopic lights on the rear of the cab



# Rear out & down outrigger system

- 16' spread
- Outrigger system capable of side slope leveling upto 5 deg.
- Stacked outrigger design allows for a narrow profile
- Ball joint outrigger foot allows full contact between foot & ground



# Outrigger Controls





# Manual Outrigger Over-rides



# Jack Pads



# Ladder Cradle





# Hot Shift



# Turntable

- 96" wide
- Street or Curbside pedestal
- Aluminum grate overlays available
- (3) guard rails
- Full access pedestal for serviceability



# Aerial Controls

Silver Nameplate  
with Black  
Lettering & MD3  
Display





# Control Valve

Interlock  
valves

Deadman



# Tip Controls



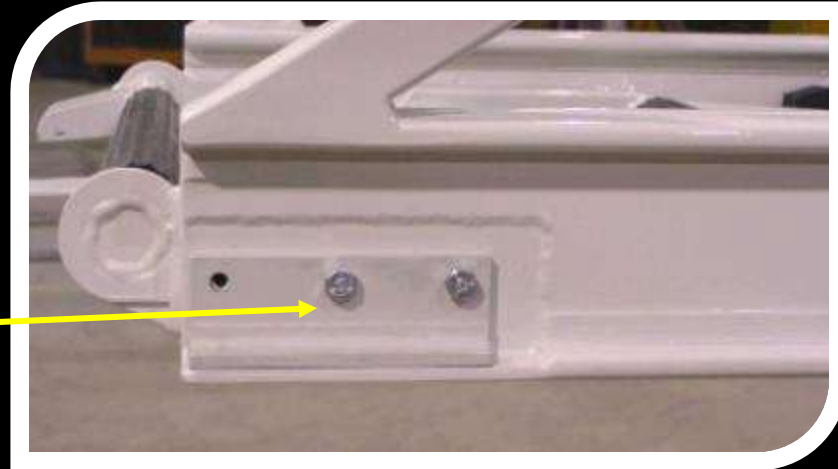
# Removable tIP





# Greaseless Aerial Ladder

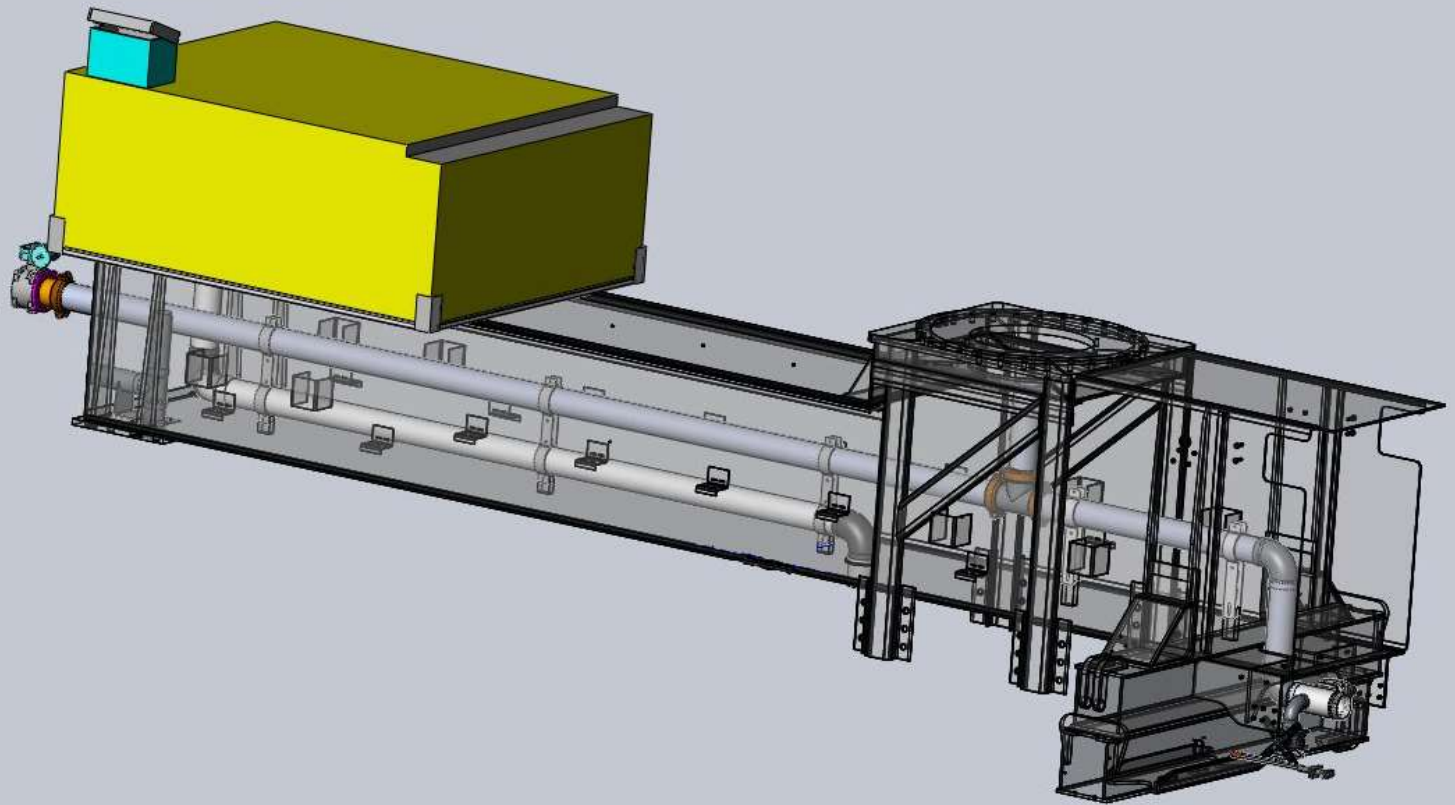
- The wear strips are easily replaceable without removing the ladder from the truck
- The sheave blocks are designed with Teflon impregnated into them for smooth operation



# Lighted Folding Steps



# Aerial Waterway Piping





# Pinnable Waterway



# Rung Lighting



# Roof Ladder





# Rear Chevron



# Front Chevron (optional)



# 5G Radius

