

Part Number  
43004332

# UNITED STATES POSTAL SERVICE

Freightliner/Morgan Olson 2 Ton Delivery Vehicle



**MORGAN**  
**★ OLSON**

1861 S. Centerville Rd.  
Sturgis, MI 49091-0435  
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Internet Address: [www.morganolson.com](http://www.morganolson.com)

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# INTRODUCTION

This parts book contains illustrations and parts numbers for the option build of United States Postal Service 11 Ft. 8 In. Route Star on a Freightliner chassis and applies to bill of materials # 02000052 and 02000054 produced in 2003/2004. Units with lift gates were produced with bill of material # 02000054.

This book has been divided into chapters. Each chapter has illustrations with part numbers and descriptions. Each part is pointed out to help identify it.

The notation 'Left' or 'Right' in the description of a part indicates the part is a left-hand or right-hand non-interchangeable part. Notations of left and right should be carefully read and considered when identifying parts.

## PROCEDURE TO ORDER PARTS

1. Depending on the part desired, turn to the appropriate chapter.
2. Locate the desired part on the illustration page(s) and note it's number.
3. Contact a Morgan Olson Service Products representative. Have part numbers readily available.
4. When placing orders, specify serial number, body size (length, width and height), date and make of chassis, wheelbase, tire size, and rear axle configuration.

ADDITIONAL COPIES OF THIS CATALOG MAY BE OBTAINED BY ORDERING THE PART NUMBER LISTED ON THE FRONT COVER.

FOR WARRANTY INFORMATION CALL 1-800-477-8287.

Any questions or concerns should be directed to  
your Service Products Representative at  
1-800-233-4823.

## HOW TO ORDER PARTS

**SERVICE PARTS ORDERS SHOULD BE FORWARDED TO:**

**MORGAN OLSON SERVICE PRODUCTS**

**70180 S. CENTERVILLE RD.**

**STURGIS MI 49091**

**OR CALL**

**1-800-233-4823 (U.S.)**

**1-800-786-5766 (CANADA)**

**(616) 659-0499 FAX**

**1-800-477-8287 WARRANTY**

A parts order form has been supplied at the end of this book. Complete this form and mail or fax to Morgan Olson at the above address. Please have all necessary information ready when calling or faxing order. The body number is found on the vehicle identification tag located in the cab area of the truck. Should the vehicle identification tag be lost, please advise and specify make of chassis, year, serial number and complete body information.

All parts are shipped freight prepaid unless otherwise specified.

All parts returned for credit must be shipped freight prepaid to Morgan Olson Service Products at the above address. Please call and make return arrangements prior to shipment.

Contact your Service Products representative for specific part numbers.

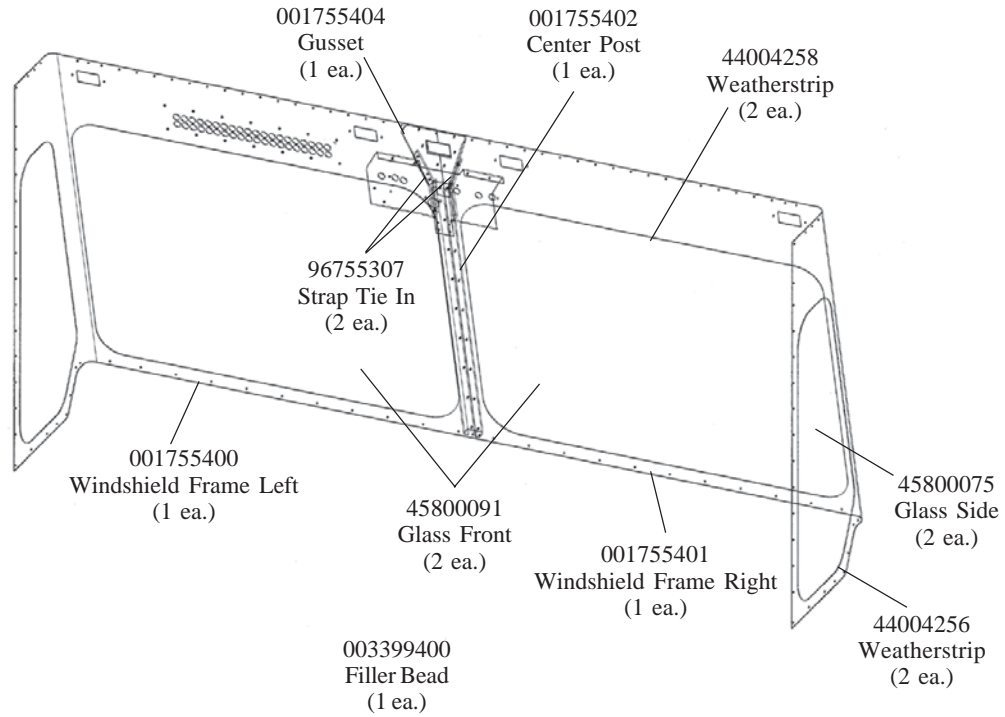
VEH MFD BY FREIGHTLINER CUSTOM CHASSIS DATE <input type="text"/>	
BODY BY Morgan Olson	WARRANTY EXP. DATE <input type="text"/>
GVWR 14140 LB 6441KG	
GAWR FRT 8200 LB 2812 KG TIRE 225/70RX19.5G	
RIM 19.5X8.75 110 PSI 758 KPA COLD	
GAWR RR 7940 LB 3801 KG TIRE 225/70RX19.5G	
RIM 19.5X8.75 110 PSI 758 KPA COLD SINGLE	
U.S.P.S. NO:	<input type="text"/>
U.S.P.O. ORDER NO: 102594-00-B-2884	
VEH TYPE:	THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR
TRUCK PARCEL	VEHICLE SAFETY STANDARDS IN EFFECT ON THE DATE OF THE
DELIVERY	MANUFACTURE SHOWN ABOVE
VEH I.D.	<input type="text"/>
V.I.N. NO.	<input type="text"/>
BODY I.D. NO.	<input type="text"/>

<b>VEHICLE DIMENSIONS</b>
OAH 118.0
OAW 88.8
OAL 247.5

**1 CAB**

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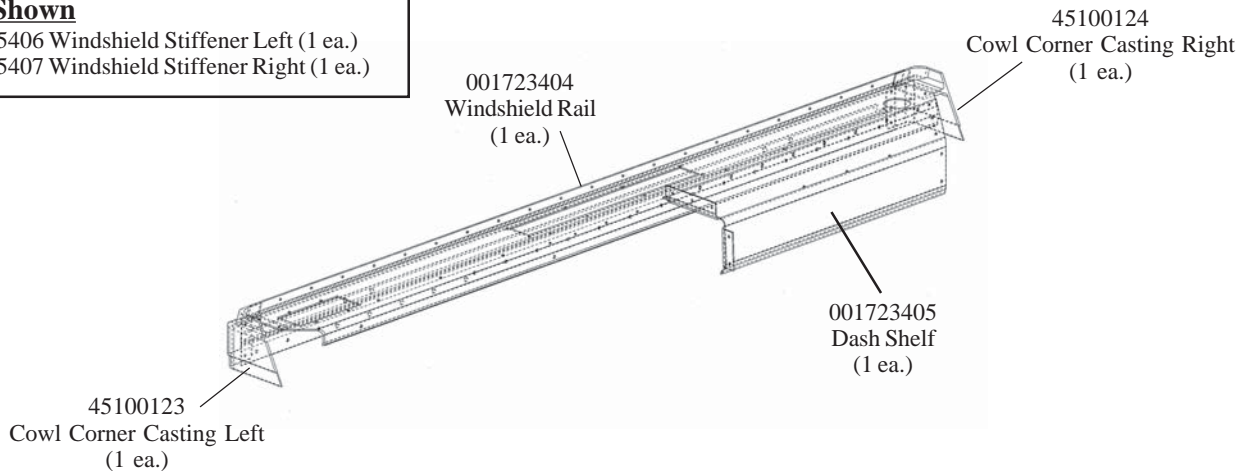
# WINDSHIELD FRAME ASSEMBLY 001755200



# WINDSHIELD RAIL ASSEMBLY 001723201

**Not Shown**

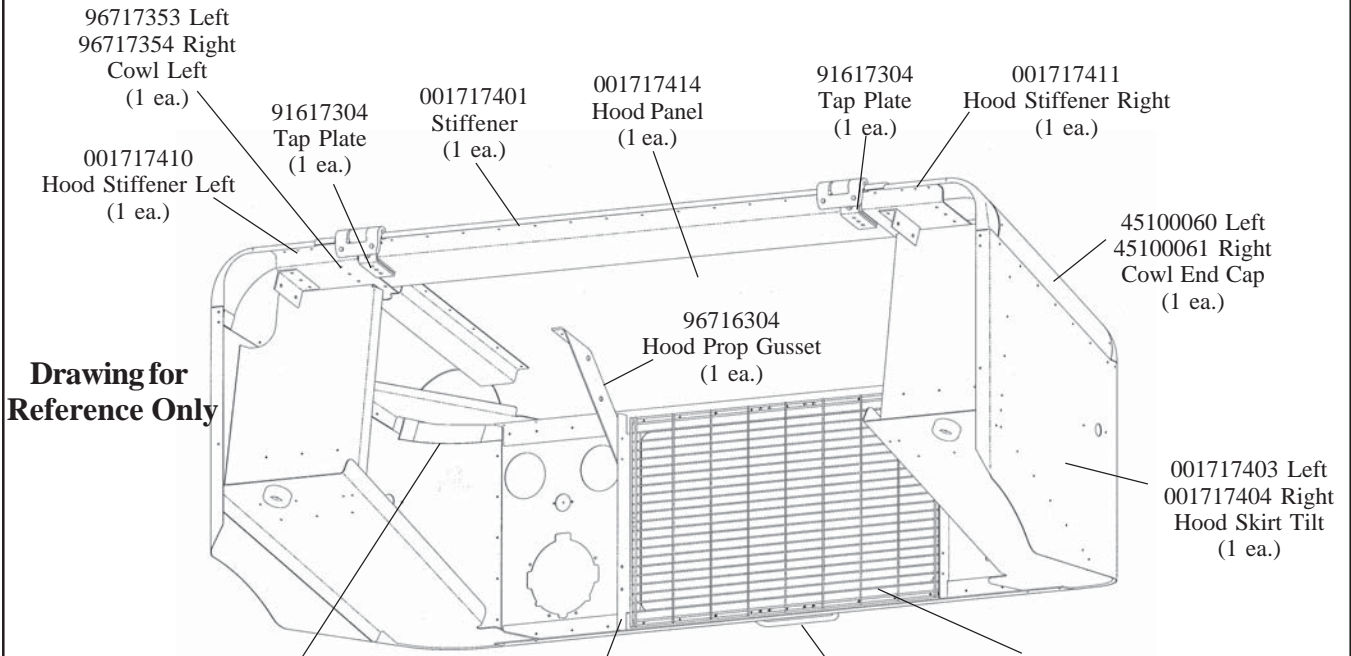
001755406 Windshield Stiffener Left (1 ea.)  
001755407 Windshield Stiffener Right (1 ea.)





# HOOD ASSEMBLY

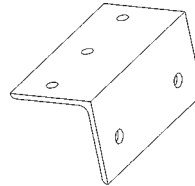
## 001717202



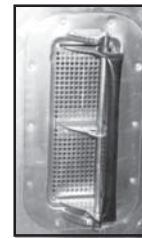
95817313  
Corner Gusset Right  
(1 ea.)



44002004  
Rubber Bumper  
(2 ea.)



96717371  
Gas Spring Mount Angle  
(2 ea.)



47008566 Vent 2Way Hingeless  
47008541 Gasket  
(1 ea.)



95817312  
Corner Gusset Left  
(1 ea.)



47007852  
Hinge Assembly  
(2 ea.)

**Not Shown**

- 001717405 Splash Pan Support Left (1 ea.)
- 001717406 Splash Pan Support Right (1 ea.)
- 001717407 Splash Pan Left (1 ea.)
- 001717408 Splash Pan Right (1 ea.)
- 001717412 Splash Pan Gusset (2 ea.)
- 001717409 Horizontal Angle (1 ea.)
- 95817320 Shim Hood Hinge (1 ea.)
- 91617318 Fill Plate Hood (1 ea.)
- 001716400 Prop Rod Bracket (1 ea.)
- 001716200 Prop Rod Weldment (1 ea.)



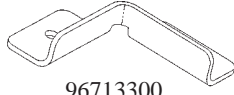
001705410 Left Cab Skirt  
001705411 Right Cab Skirt  
(1 ea.)

98722404 Left Skirt Tail  
98722405 Right Skirt Tail  
(1 ea.)



## HOOD CONTINUED

### HOOD LATCH & REST



96713300  
Angle Stop  
(2 ea.)



96716352  
Hood Rest Support  
(2 ea.)



47000613  
Hood Latch  
(2 ea.)

001713405  
Support Hood Rest  
(1 ea.)

### HOOD LIFT ASSIST



40900019  
Ball Stud  
(4 ea.)



40900020  
Stud Ball Clip  
(4 ea.)



47006018  
Spring Shock  
(2 ea.)



96716351  
Dash Mounting  
Bracket  
(2 ea.)

001716402  
Bracket Gas Spring  
(1 ea.)

## WINDSHIELD WIPER & MOTOR INSTALLATION

### WINDSHIELD WASHER MOTOR/ BRACKET ASSEMBLY - 002363203



48200007  
Monitor Kit  
(1 ea.)

48200010  
Monitor Harness  
(1 ea.)

001755405  
Wiper Motor Bracket  
(1 ea.)

46030007  
Fan  
(1 ea.)

47004140 Wiper Motor (1 ea.)  
47004136 Pivots (2 ea.)  
47004135 Linkage (1 ea.)



47004075  
Wiper Wet Arm  
(2 ea.)



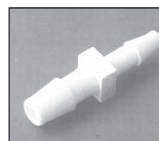
47004134  
Windshield Wiper Blade (2 ea.)



47004137  
Reservoir With Pump  
(1 ea.)



46023302  
Wiper Switch  
(1 ea.)



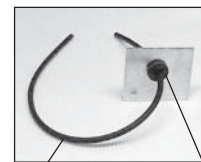
47006602  
Fitting (2 ea.)



1113539  
Hole Plug  
(4 ea.)



1101694  
Washer Tee  
(1 ea.)

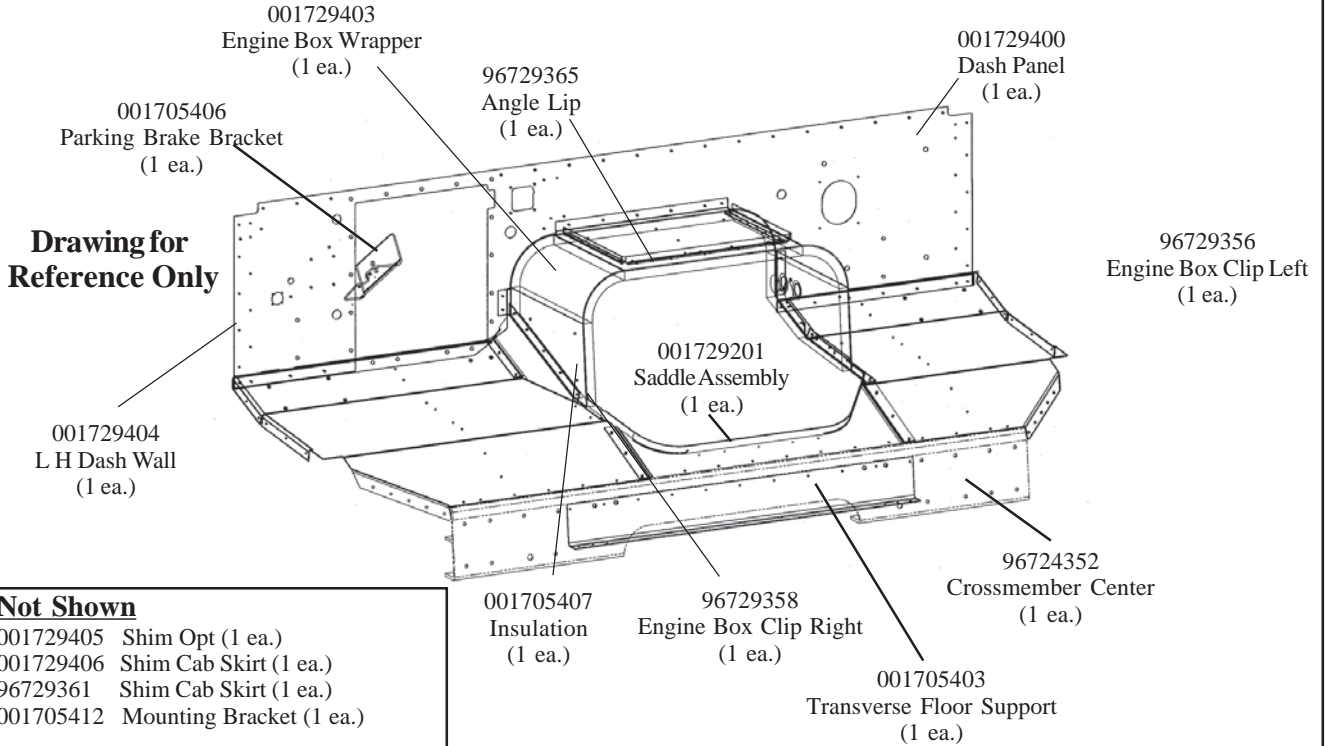


1107122  
Washer Hose  
(20 ft.)

44000069  
Grommet  
(2 ea.)

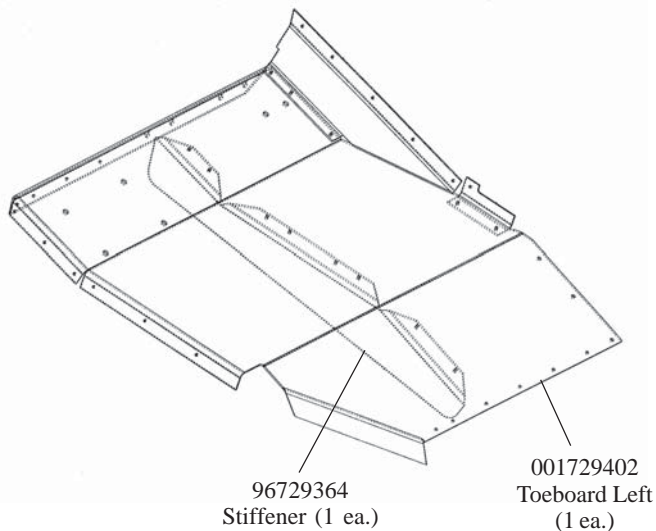
# DASH PANEL & ENGINE BOX HOUSING ASSEMBLY

## 001729200

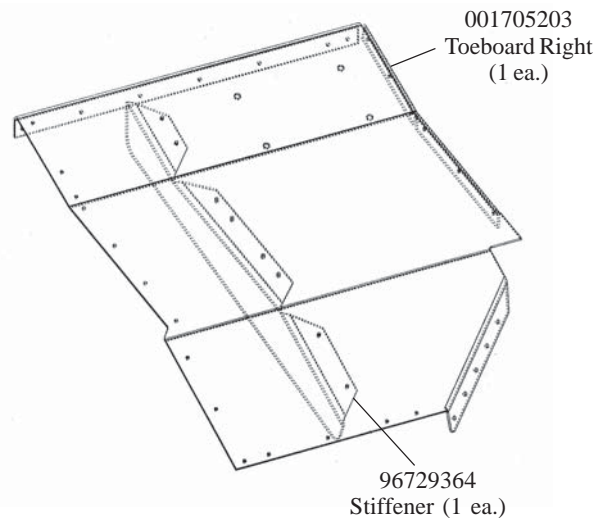


## TOEBOARD ASSEMBLY

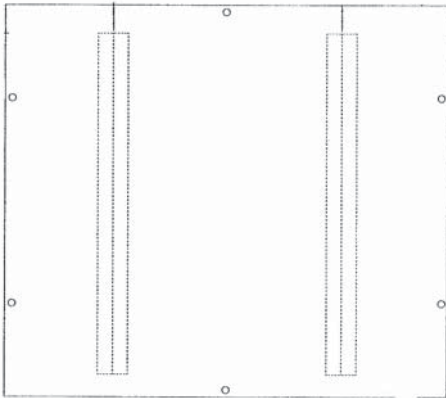
**TOEBOARD ASSEMBLY LEFT**



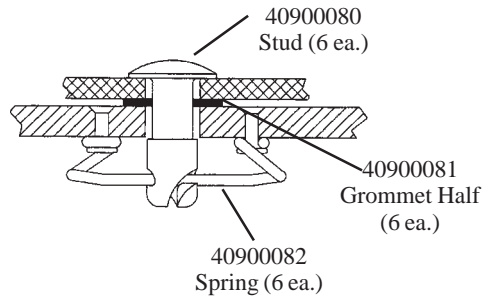
**TOEBOARD ASSEMBLY RIGHT**



**TRANSVERSE FLOOR**



96724263  
Transverse Floor Weldment Assembly  
(1 ea.)

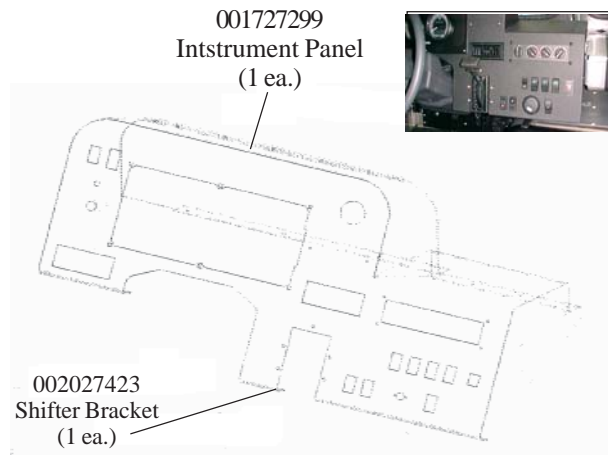


**ENGINE BOX**



45200942 Engine Box Assembly (1 ea.)  
47007859 Bottom Offset Hinge (2 ea.)  
47000099 Upper Latch (2 ea.)

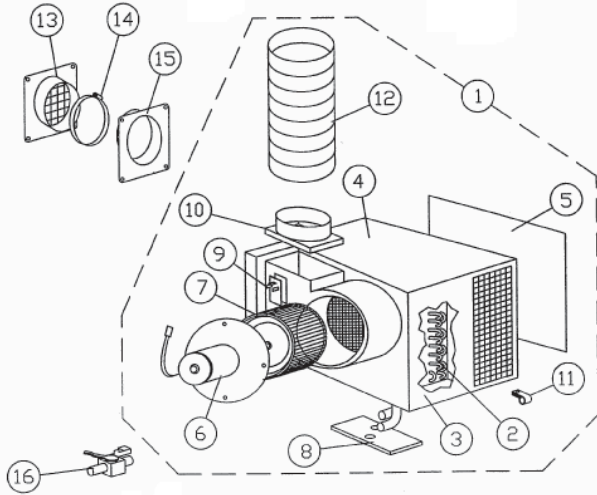
**INSTRUMENT PANEL**



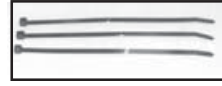
**Not Shown**

- 001727420 Instrument Panel Bracket (1 ea.)
- 001727422 Strap Support (1 ea.)
- 001727425 Gusset Reinforcement (1 ea.)
- 47000859 Mounting Flange Shifter (1 ea.)

**HEATER**



1. Heater Assembly - Base Body (Includes Items 2 - 12)
2. 47008240 Heater Core Assembly
3. 998312223 Cover
4. Welded Case Assembly
5. 998312221 Panel - Right Side
6. 11-14093 Motor Assembly
7. 47008238 Blower Wheel
8. 47008237 Gasket - Tubes Seal
9. 11-14094 Resistor
10. 47008234 Blower Transition - Plastic
11. 998312220 Clip - Boden Cable
12. 47008232 Defrost Hose 5" Dia. x 14'
13. 998312207 Fresh Air Intake Radiator Mounting Bracket
14. 11-14640 4' Hose Clamp
15. 47008259 Fresh Air Collar
16. 998312205 Water Valve Assembly



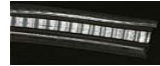
46026312  
Tyclamp  
(10 ea.)



46021109  
Clamp  
(4 ea.)

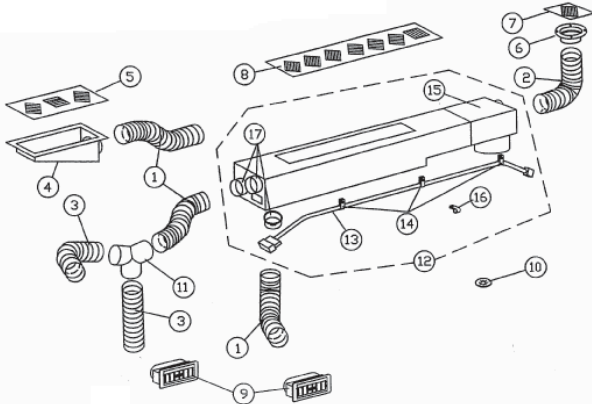


1107079  
Grommet  
(2 ea.)

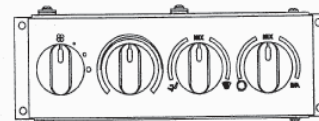
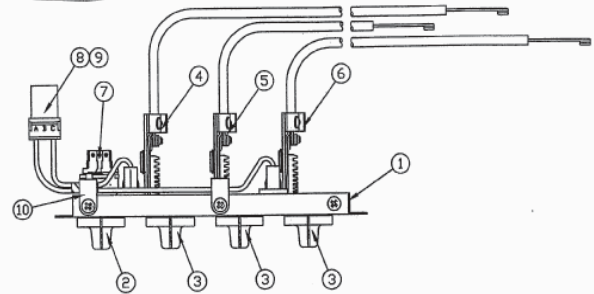


1114103  
Flex Hose (1 ea.)

**Not Shown**  
46021008 Metal Clamp (2 ea.)



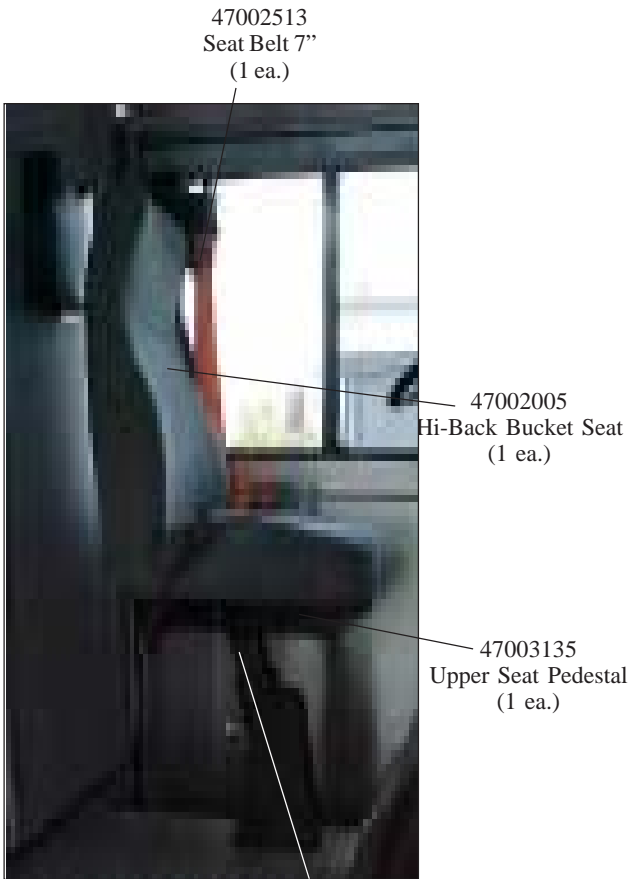
1. 998312216 Defrost Hose - 2.5" Dia. x 30"
2. 47008250 Defrost Hose - 2.5" Dia. x 16"
3. 998312215 Defrost Hose - 2.5" Dia. x 9.5"
4. 998312212 Plenum Assembly
5. 998312211 Louver Plate - Side
6. 998312210 Louver Housing
7. 47008261 Louver Plate - 45
8. 47008260 Louver Plate - Center
9. 47008121 Dash Louver Assembly
10. 47008242 Push Nut - 3/16 Rod
11. 998312214 2.5" Dia. "Y" Duct Adaptor
12. Duct Assembly (Includes Items 13 - 16)
13. 998312250 Wire Harness
14. 998312217 Clamp, Wire Harness
15. 998312219 Plenum Duct Assembly
16. 47008253 Cable Clamp
17. 47008251 2.5" Dia. Plastic Collar



1. Control Panel Assembly (includes items 2 - 10)
2. 47008295 Knob, Blower Switch
3. 47008290 Knob, Cable Controller Up To 8/23/00 Only
4. 47008171 Cable Controller with 48" Cable
5. 47008300 Cable Controller with 36" Cable
6. 47008301 Cable Controller with 60" Cable
7. 47008274 Switch, Blower
8. Panel Lamp Harness
9. Lamp
10. Harness Clamp

# SEAT INSTALLATION

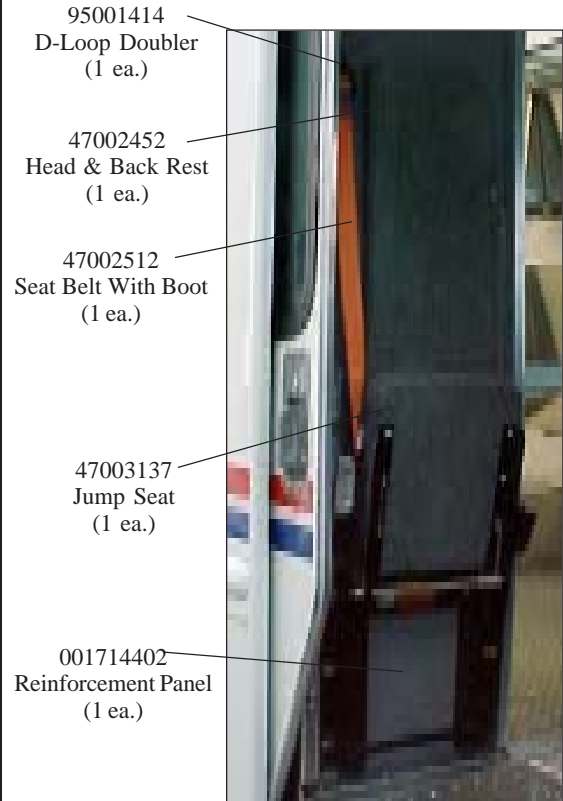
## HI BACK BUCKET SEAT



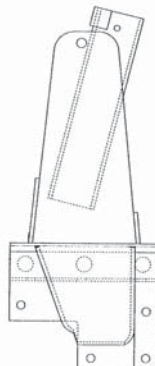
**Not Shown**  
47008287 Knob (1 ea.)

47002009  
Seat Base  
(1 ea.)

## JUMP SEAT



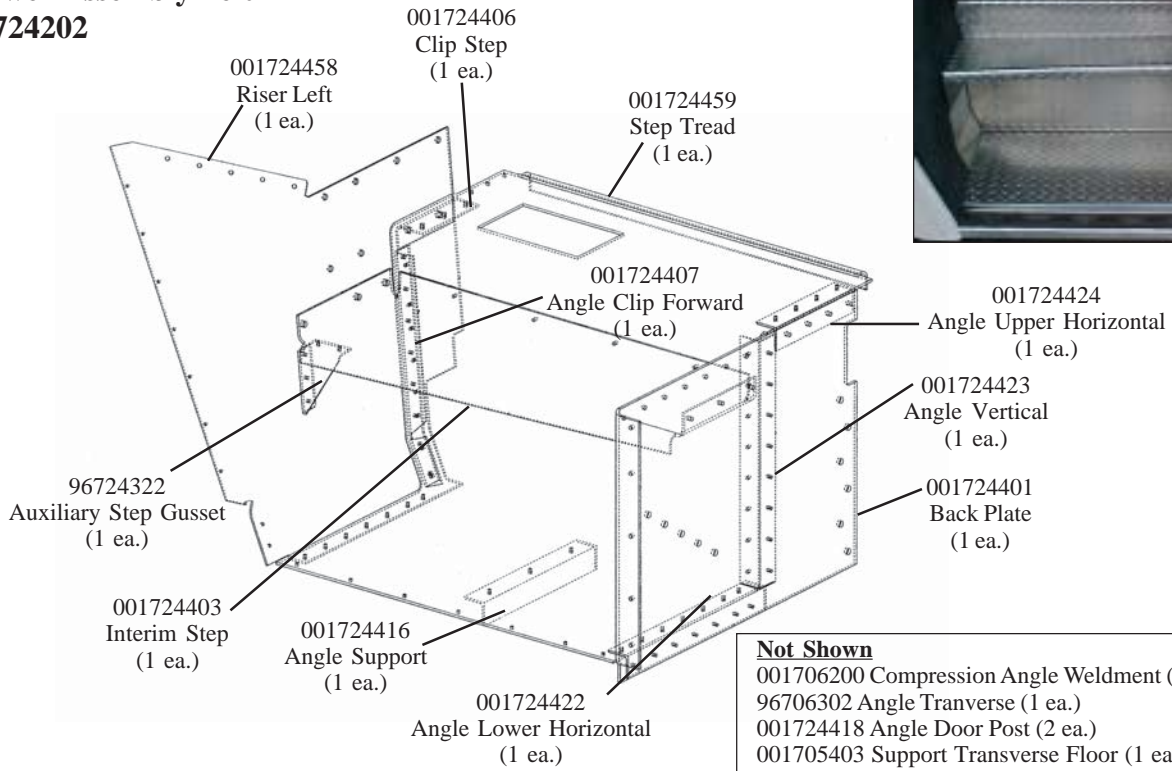
## SEAT SOCKET SUPPORT WELDMENT 001779201



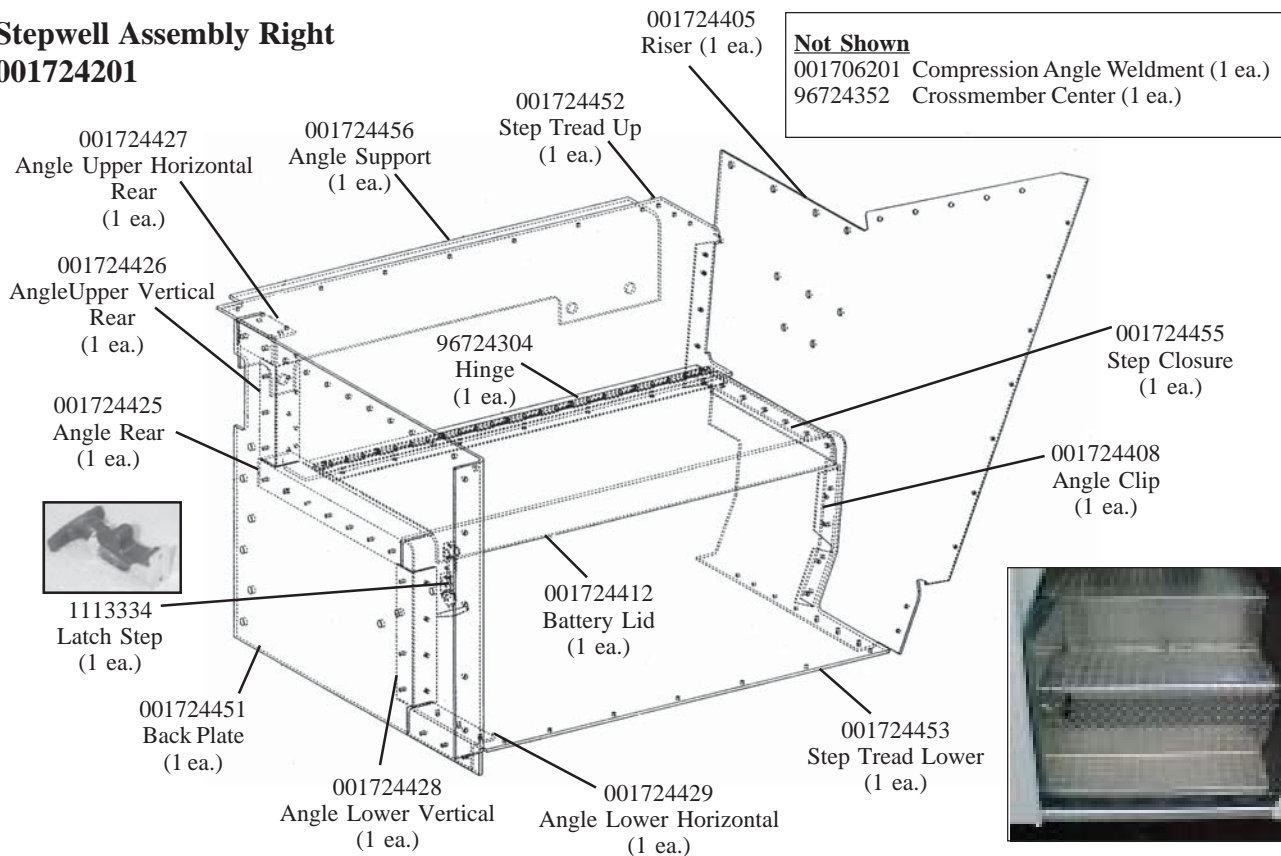


# STEP

## Stepwell Assembly Left 001724202



## Stepwell Assembly Right 001724201



## 2 ROOF

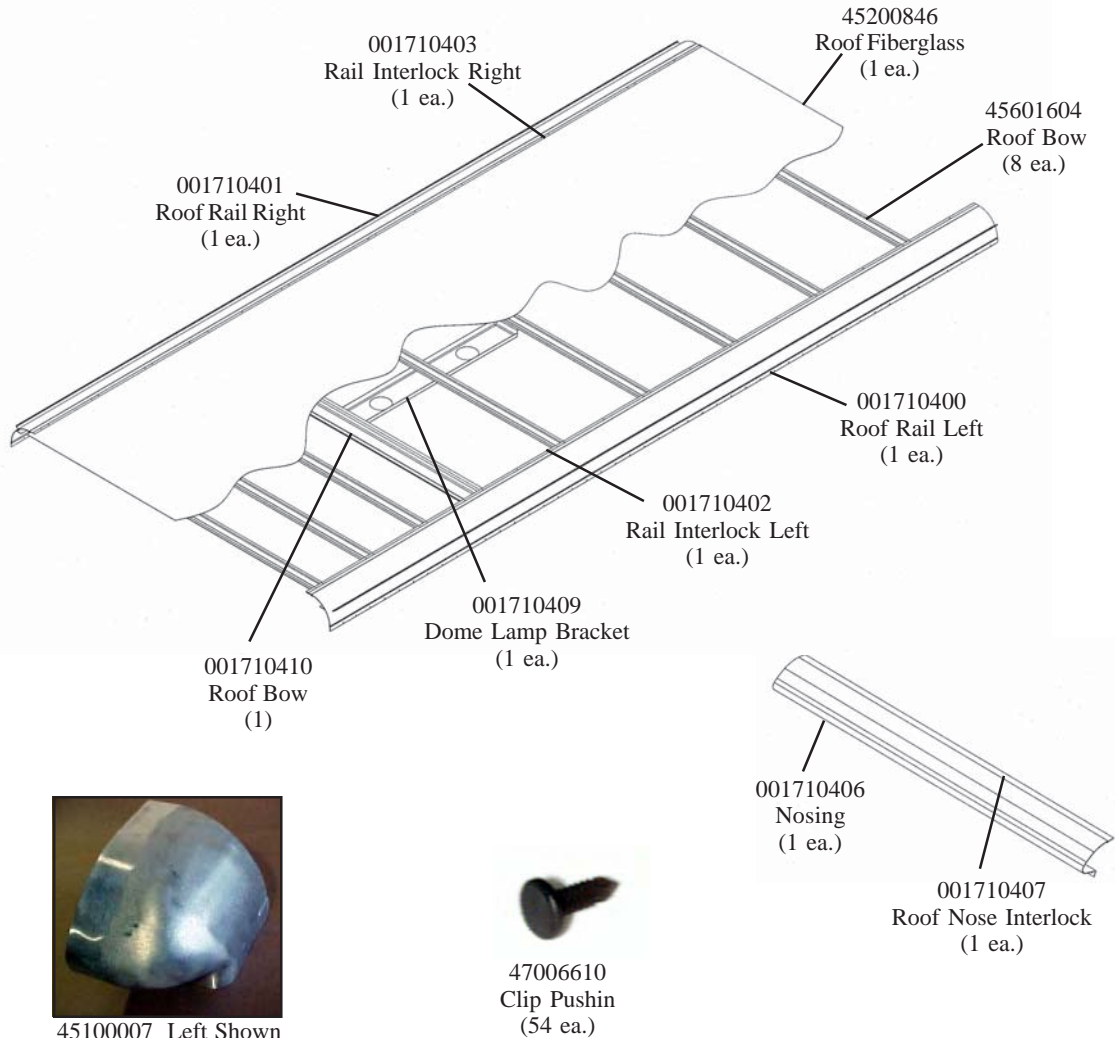
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# ROOF

## ROOF ASSEMBLY

001710200



45100007 Left Shown  
45100008 Right Opposite  
Front Roof Corner Casting  
(1 ea.)

**Not Shown**  
1109001 Insulation 1" Fiberglass (11 ft.)  
001710408 Roof Transom Interlock (1 ea.)

**3 SIDES**

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# SIDE ASSEMBLY

001740404 Left  
001740405 Right  
"B" Post (1 ea.)

001740400  
Side Upper  
(1 ea.)

001740406 Left  
001740403 Right  
Panel Lower  
(1 ea.)



001740401  
Rub Rail (1 ea.)

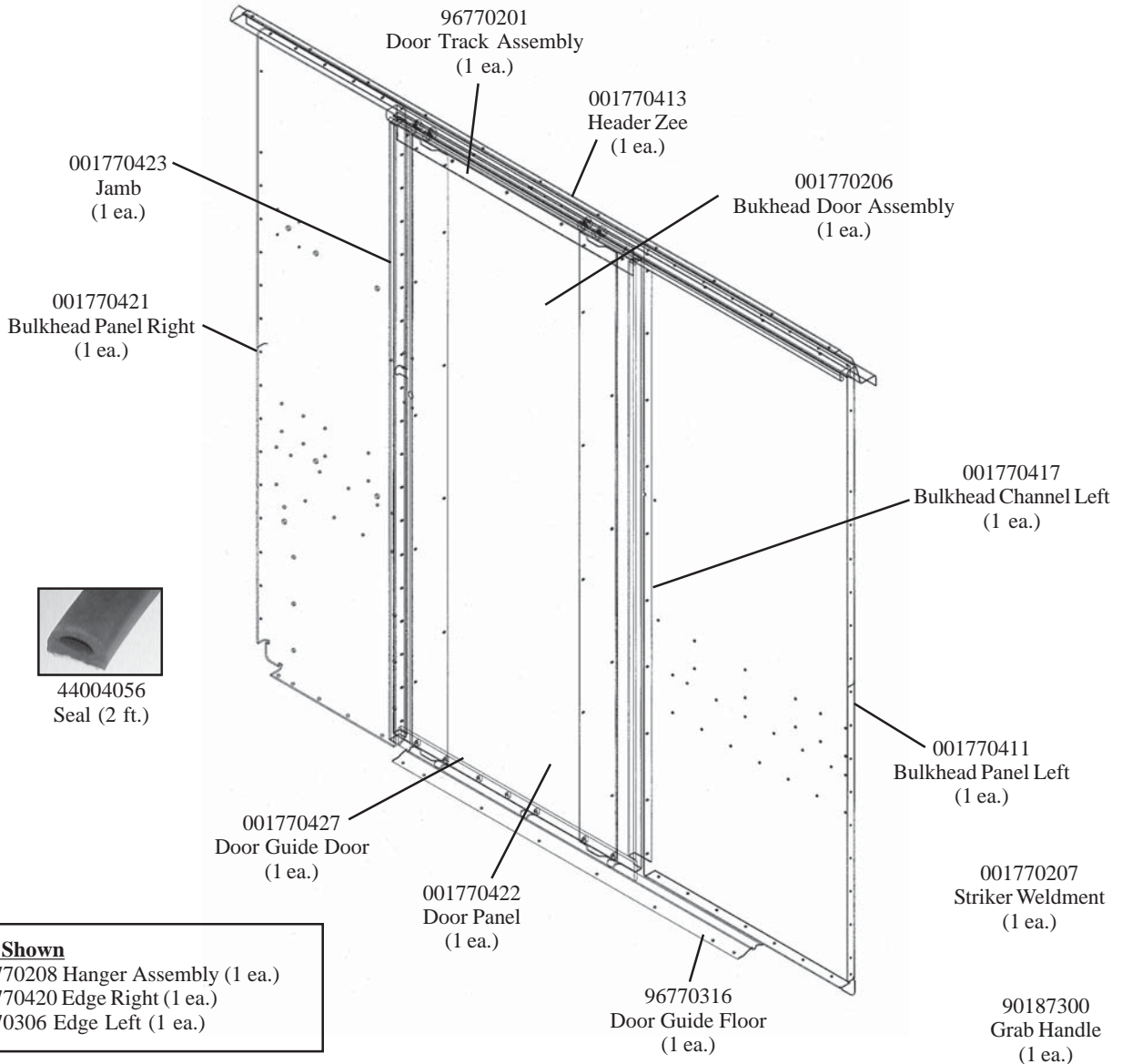
**Not Shown**

001744001 Gusset Strap Installation (1 ea.)

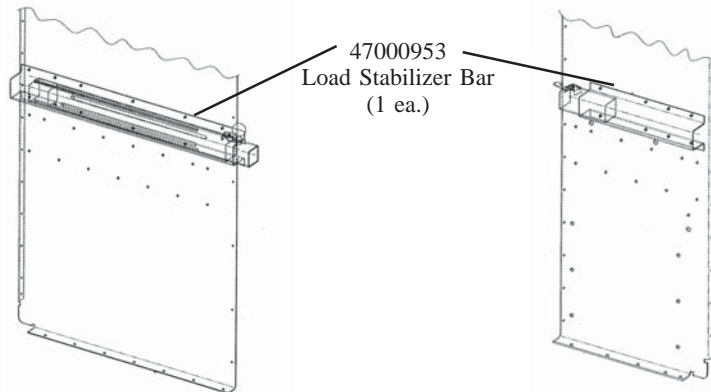


45100011  
Rub Rail Cap  
(2 ea.)

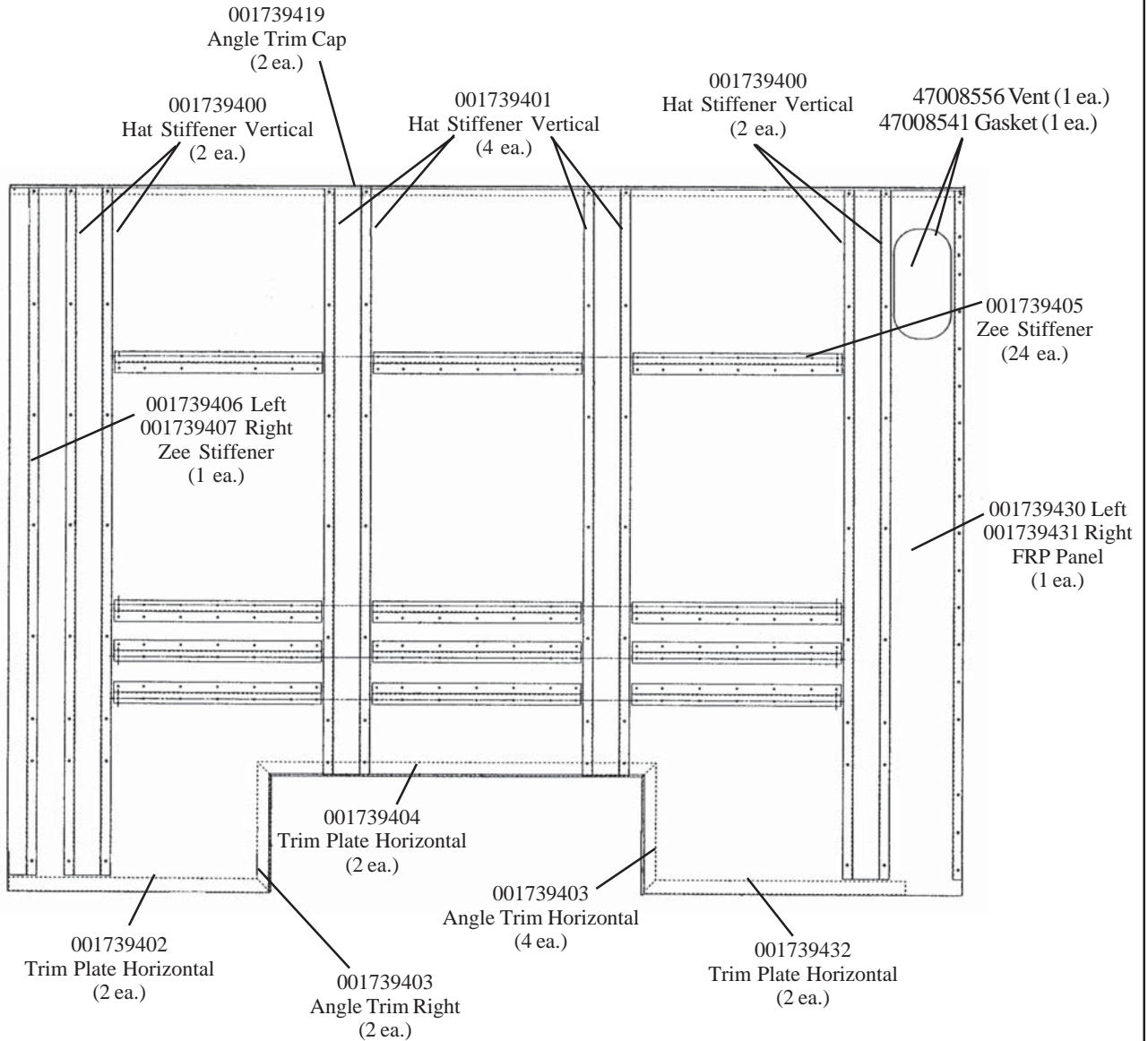
# BULKHEAD



## LOAD STABILIZER BAR



# LINER STIFFENER



**Not Shown**

- 001739424 Backing Plate (8 ea.)
- 42005024 Tape 3M Acrylic Foam (44 ft.)
- 001739422 Channel Left & Right (2 ea.)

**4 BACK**

---

# BACK

## Back Assembly 001750202

**Not Shown**

- 93181302 Clip Header Angle (2 ea.)
- 001750406 Shim Left (1 ea.)
- 001750405 Transom Extension (1 ea.)
- 001750512 Door Track Support Left (1 ea.)
- 001750513 Door Track Support Right (1 ea.)
- 001750422 Lt Cover Rear (2 ea.)

- 48200009 Camera(1 ea.)
- 48200008 Coax Cable 24Ft (1 ea.)



Note: For units with OEM liftgate installations back panel and mounting structure will be different. Please contact Morgan Olson for specific part numbers.

- 45100098 Roof Corner Casting (1 ea.)

- 001750402 Transom (1 ea.)

- 45100099 Roof Corner Casting (1 ea.)

- 001750420 Back Panel Left (1 ea.)

- 001750421 Back Panel Right (1 ea.)

- 001750404 Jamb Post (2 ea.)

- 001750408 Reinforcement Angle Left (1 ea.)

- 001750409 Reinforcement Angle Right (1 ea.)

- 001750412 Rear Sill (1 ea.)

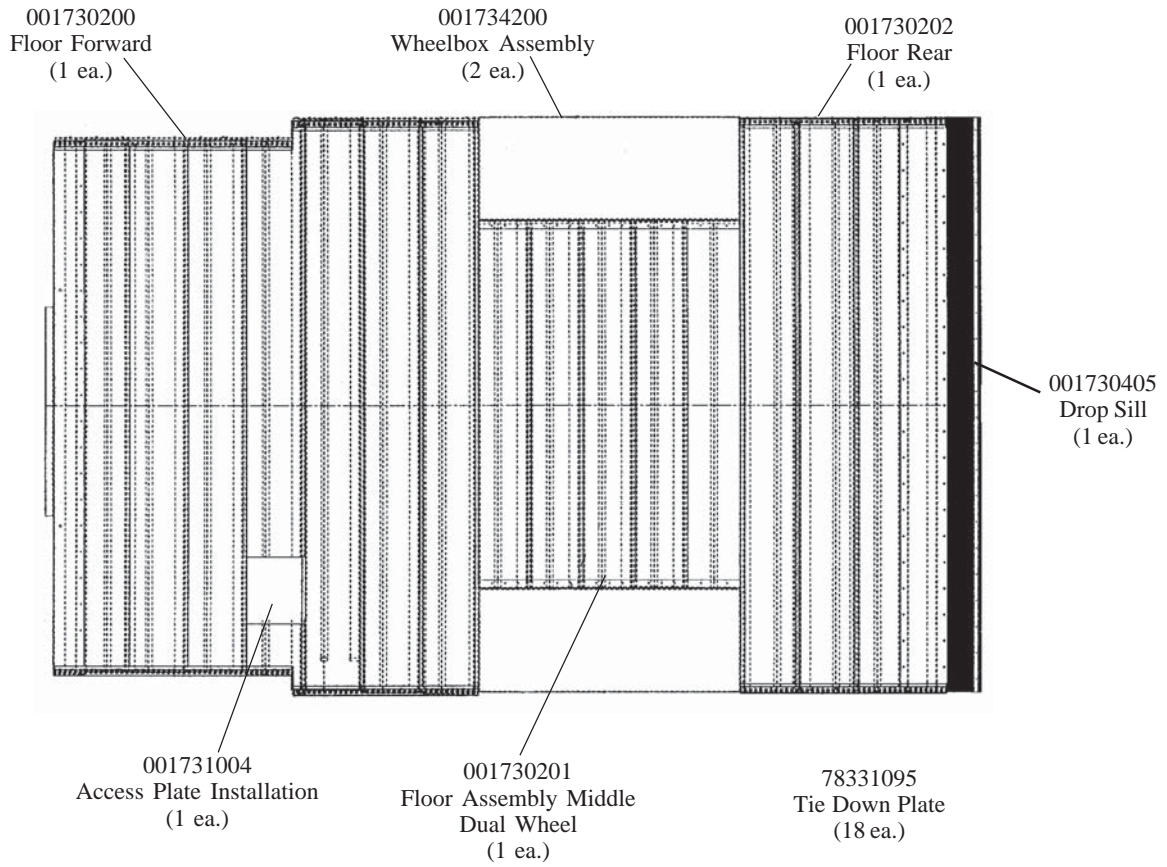




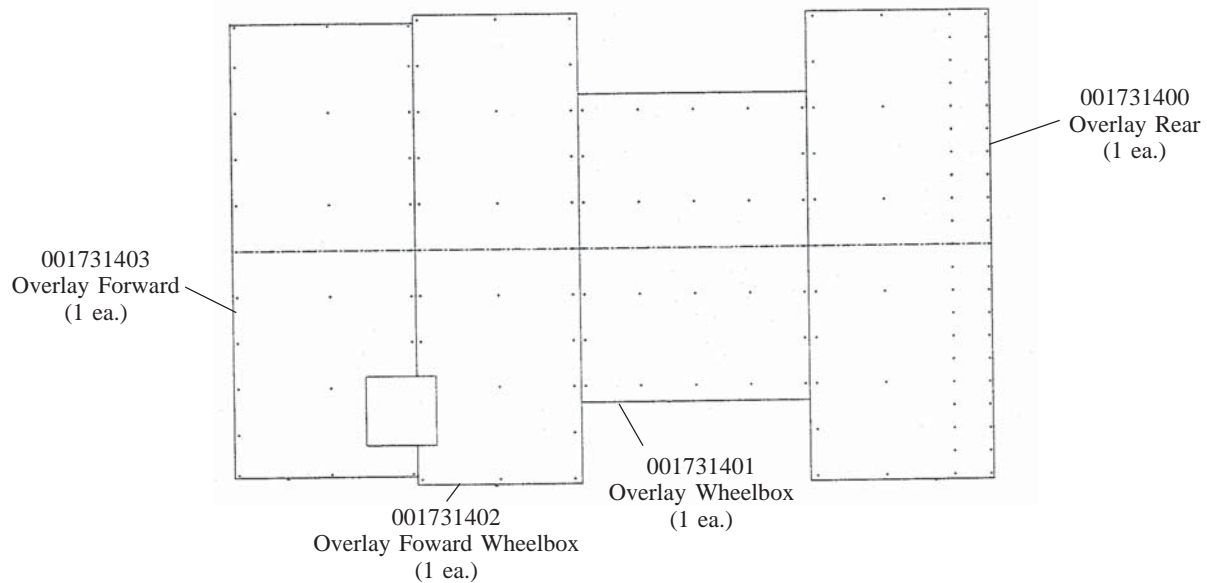
# 5 FLOOR

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# FLOOR ASSEMBLY 001730001



# FLOOR OVERLAY 001731001

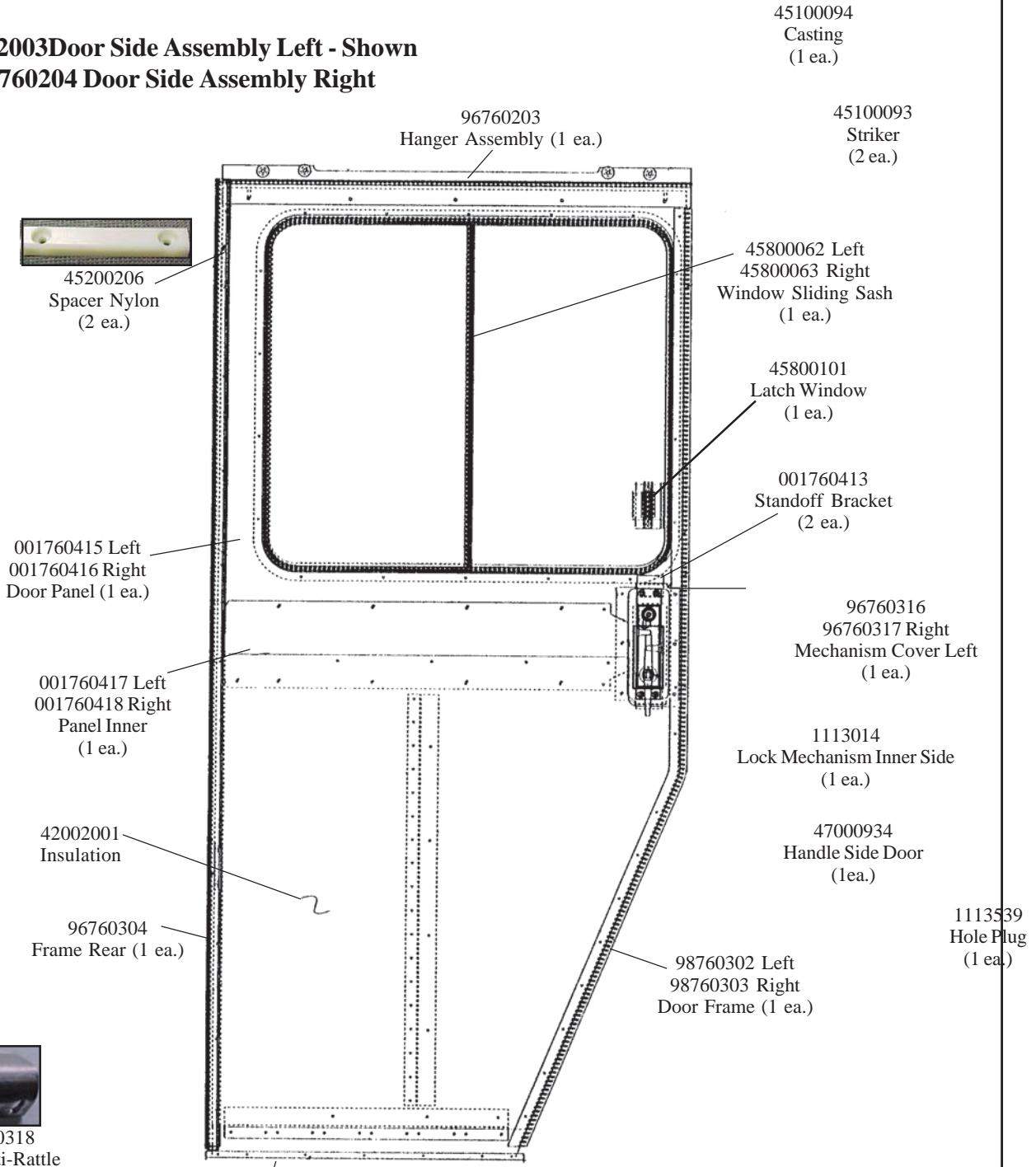


# 6 DOORS

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# SIDE DOOR

**0017602003 Door Side Assembly Left - Shown**  
**001760204 Door Side Assembly Right**



96760318 Clip Anti-Rattle (2 ea.)



44004060 Seal Brush (3 ea.)

90566304 Wear Strip - 40' Cut To Length (1 ea.)

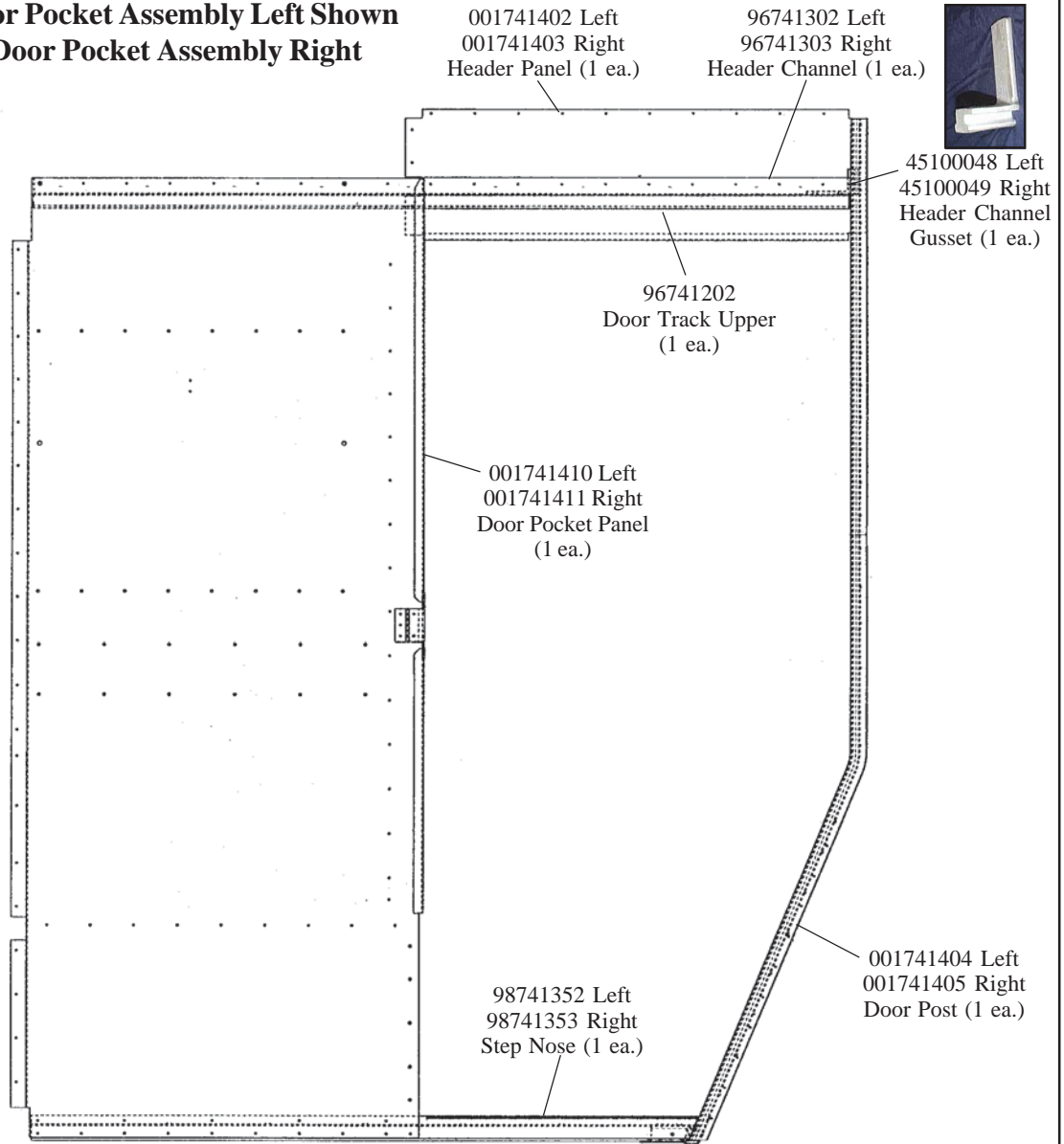
**Not Shown**  
 44004107 Seal Rubber (1 ea.)  
 44008050 Seal Brush (1 ea.)



47002766 Door Guide Molded (1 ea.)

# DOOR POCKET

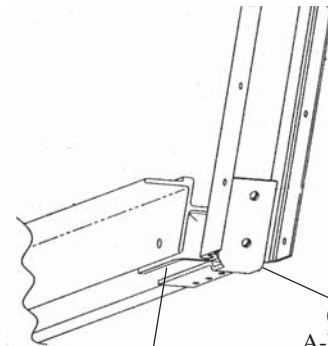
**001741203 Door Pocket Assembly Left Shown**  
**001741204 Door Pocket Assembly Right**



7602963  
Door Pocket Cover Left  
(1 ea.)



7602964  
Door Pocket Cover  
Right  
(1 ea.)



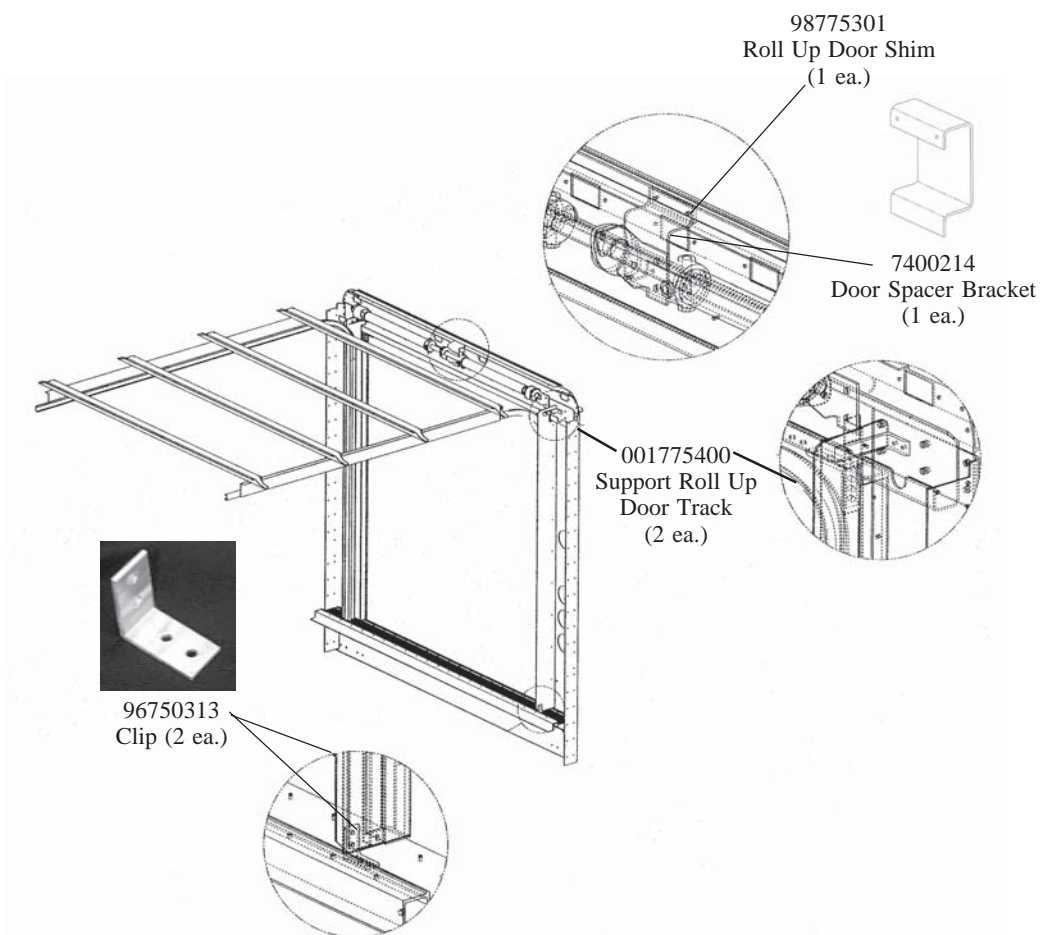
451000104 Left  
451000105 Right  
Door Post Lower (1 ea.)

001741407 Left  
001741408 Right  
A-Post Reinforcement  
(1 ea.)

# ROLL UP DOOR



## 47004767 Roll Up Door



# **7 LOCK / LATCH / KEYLESS ENTRY**

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## KEYLESS ENTRY / LOCK & LATCH INSTALLATION (BULKHEAD, SIDE DOORS & REAR DOORS)

### SIDE DOORS

- 001761421 Slide Bracket (1 ea.) (Left Side Door)
- 001761420 Strike Bar (1 ea.) (Left Side Door)
- 001761415 Slide Bracket (1 ea.) (Right Side Door)
- 001761416 Strike Bar (1 ea.) (Right Side Door)
- 46032317 Solenoid 12V with Spring (2 ea.) (Right & Left Side Door)



#### Not Shown

- 001761439 Cam Bar (1 ea.)
- 001761440 Cam (1 ea.)
- 001761415 Lock Kit Stratec (1 ea.)

### BULKHEAD

- 001761437 Striker Latch (1 ea.)
- 001761206 Latch Assembly Includes:
  - 001761433 G1433 Guide Plate (1 ea.)
  - 46032317 Solenoid (1 ea.)
  - 001761207 Striker Bar Weldment (1 ea.)
- 001761431 Front Plate (1 ea.)
- 001761434 Housing Plate (1 ea.)
- 001285426 Back Plate (1 ea.)



### REAR DOOR LATCHES L & R

- 001761200 Slide Bracket Weldment Left (1 ea.)
- 001761201 Slide Bracket Weldment Right (1 ea.)
- 001761402 Mounting Zee (1 ea.)
- 001761403 Channel Cover (1 ea.)
- 001761405 Upper Guide (1 ea.)
- 001761406 Lower Guide (1 ea.)
- 46032317 Solenoid (1 ea.)
- 001761404 Thumb Latch (1 ea.)



### KEYLESS ENTRY COMPONENTS

- 46023511 Switch Door Lock (1 ea.)
- 46023512 Switch Engine Start (1 ea.)
- 46023513 Switch Engine Stop (1 ea.)
- 46029002 Antenna (1 ea.)
- 46029015 Door Lock Hub (1 ea.)
- 46029401 Keyless Truck Kit (1 ea.)  
(includes Key fobs, module & dash reader)



#### Not Shown

- 46029008 Start Module (1 ea.)

### KEYLESS ENTRY HARNESSES

- 001493230 Keyless Start Module to Ignition Switch (1 ea.)
- 001493231 Keyless Start Module to Reader (1 ea.)
- 001493232 Keyless Start Module to Dash Switch (1 ea.)
- 001493233 Keyless Entry Rear Door LH (1 ea.)
- 001493234 Keyless Entry Passenger Door (1 ea.)
- 001493235 Keyless Entry Rear Door RH (1 ea.)
- 001493236 Keyless Entry Main (1 ea.)
- 001493237 Keyless Entry Bulkhead (1 ea.)
- 001493238 Keyless Entry Extension (1 ea.)
- 001493242 Keyless Entry & Cam Power Distributor (1 ea.)
- 001493241 Keyless Entry & Cam Power (1 ea.)

# 8 BUMPERS

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# BUMPER FRONT

## 001757001



**Not Shown**  
001757210 Front Bumper Weldment (2 ea.)

47003772  
Front Bumper  
(1 ea.)

# BUMPER REAR

## 001757002



47003773  
Rear Bumper  
(1 ea.)

**Not Shown**  
001757203 Rear Bumper Weldment (2 ea.)

# 9 ELECTRICAL

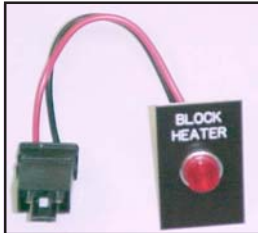
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# ELECTRICAL

## INSTRUMENT PANEL WIRING



1111992  
Rear Lamp Connector  
(1 ea.)



001781205  
Engine Block Heater Lamp  
(1 ea.)



1111993  
Rear Lamp Terminal  
(2 ea.)



46023508 Dome Rocker Switch - Cab (1 ea.) Shown  
46023603 Dome Rocker Switch - Front Load (1 ea.)  
46023605 Fan Rocker Switch - Dash (1 ea.)

### Not Shown

- 003784200 Instrument Panel Harness (1 ea.)
- 000481201 Wipe/Wash Lamp Assembly (1 ea.)
- 46021608 Fuse Mini 10 AMP

## ROOF WIRING

- 1107078 Grommet (1 ea.)
- 003793200 Roof Dome Lamp Harness (1 ea.)
- 003793201 Roof Rear Switch Harness (1 ea.)

## HOOD WIRING



46000007  
Headlamp (2 ea.)



46021301  
Clamp (8 ea.)

### Not Shown

- 89470002 Headlamp Installation (2 ea.)
- 003785200 Hood Harness (1 ea.)

## REAR WIRING



46004416  
Grommet  
(2 ea.)



46021103  
Body Clip  
(3 ea.)



46023604  
Dome Rocker  
Switch  
(1 ea.)

### Not Shown

- 003786201 Back Panel Harness (1 ea.)
- 001793200 Transom Harness (1 ea.)
- 003788200 Chassis Harness (1 ea.)

## ROOF NOSE WIRING



46030007  
Fan Mounted  
on Wiper Bracket (1 ea.)

### Not Shown

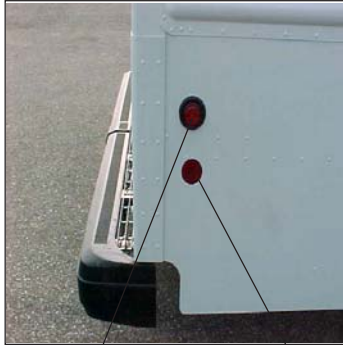
- 003785202 Roof Nose Harness (1 ea.)

# ELECTRICAL



46001406  
Lamp Backup  
(2 ea.)

46002222  
Lamp Rear  
Combo (2 ea.)



46001291  
Clearance Marker  
Lamp Red  
(2 ea.)

46025017  
Reflector Rear  
(4 ea.)

**Not Shown**

88117430 Clearance Lamp Jumper (2 ea.)



46004402  
Grommet Round  
(14 ea.)



46002608  
Dome Lamp Grommet  
Mounting  
(2 ea.)



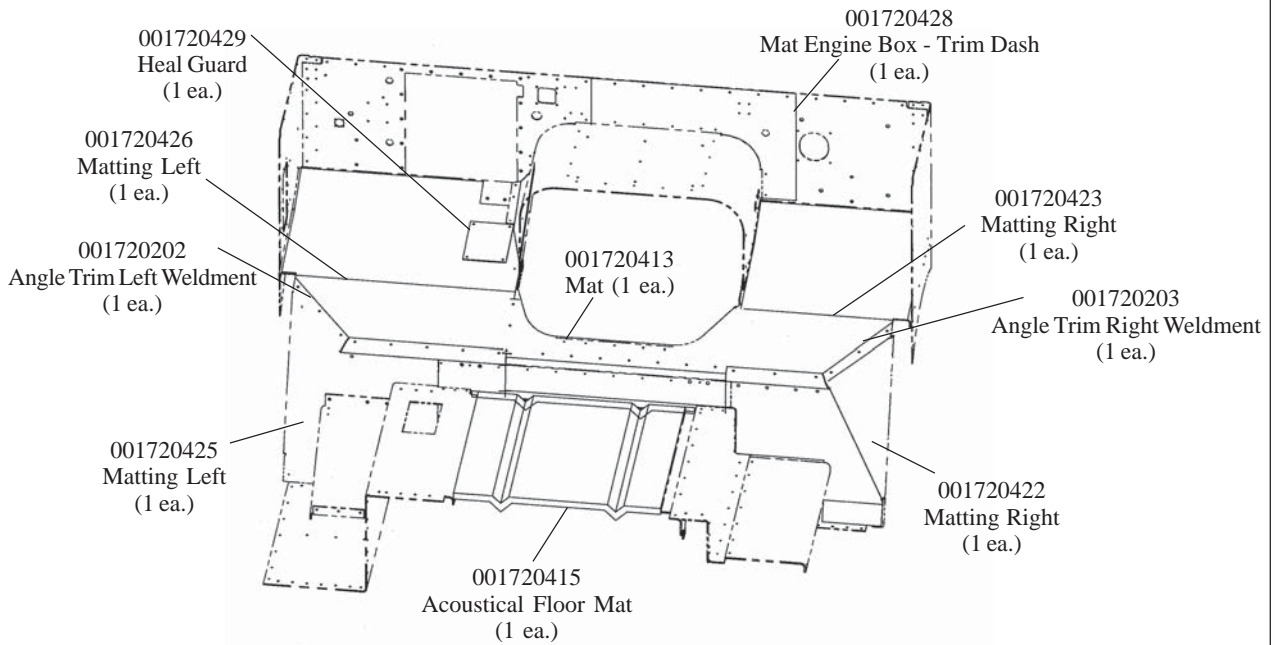
46002619  
Dome Lamp  
(1 ea.)

# 10 MISCELLANEOUS

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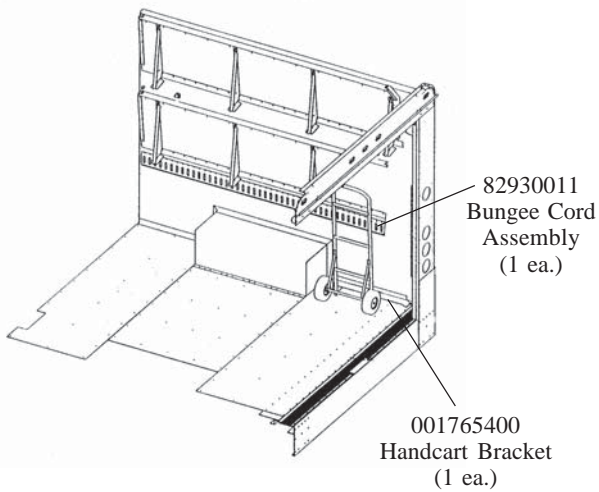


# TOEBOARD MAT/TRIM ANGLE



**Not Shown**  
 001720417 Carpet Left Bulkhead Panel (1 ea.)  
 001720418 Carpet Right Bulkhead Panel (1 ea.)  
 001720419 Carpet Bulkhead Door (1 ea.)  
 1109155 Floor Mat Blank (Raw Material)

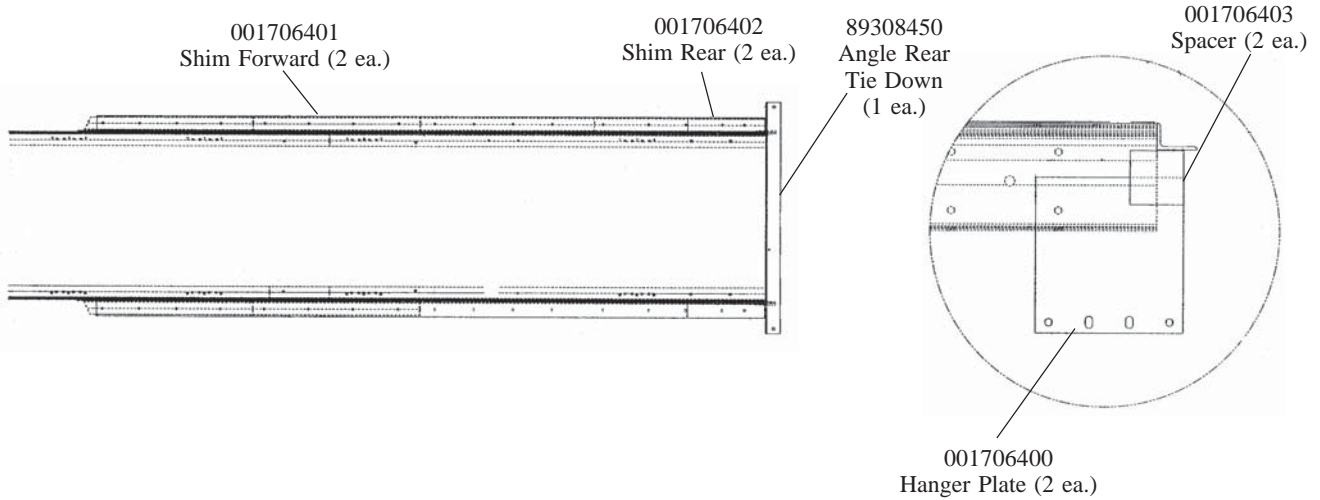
## HAND CART BRACKET



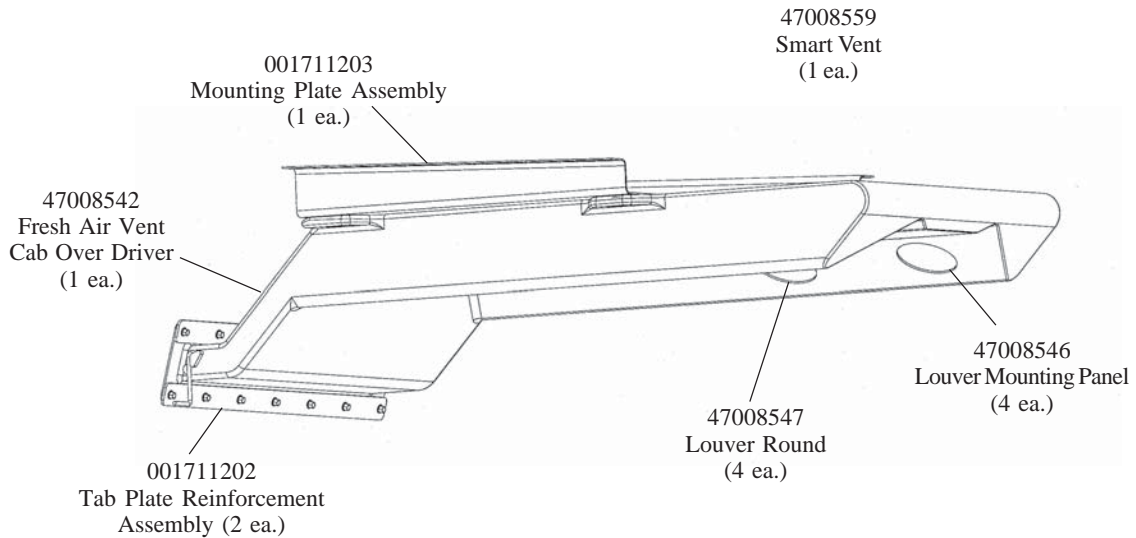
## SUN VISOR



# CHASSIS PREP



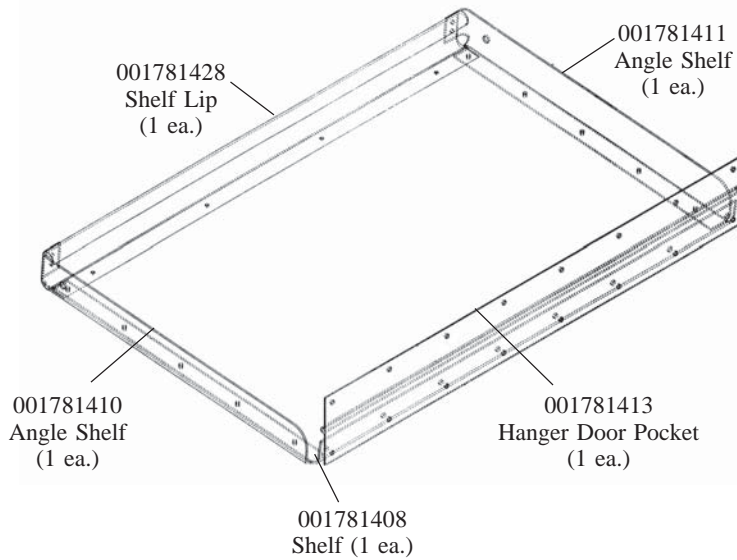
# SMART VENT



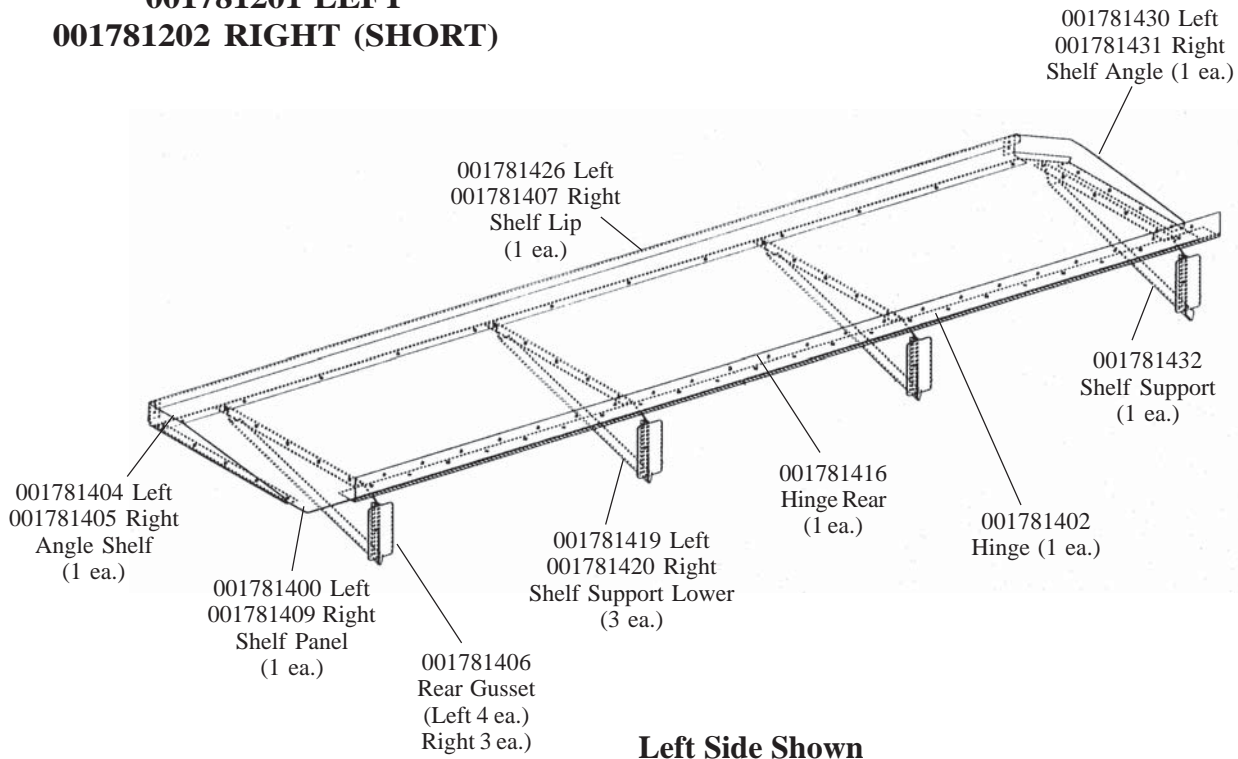
**Not Shown**  
48000504 Foam Filter (4 ea.)

# SHELVING - FOLD

## SHELF AT DOOR POCKET ASSEMBLY 001781200



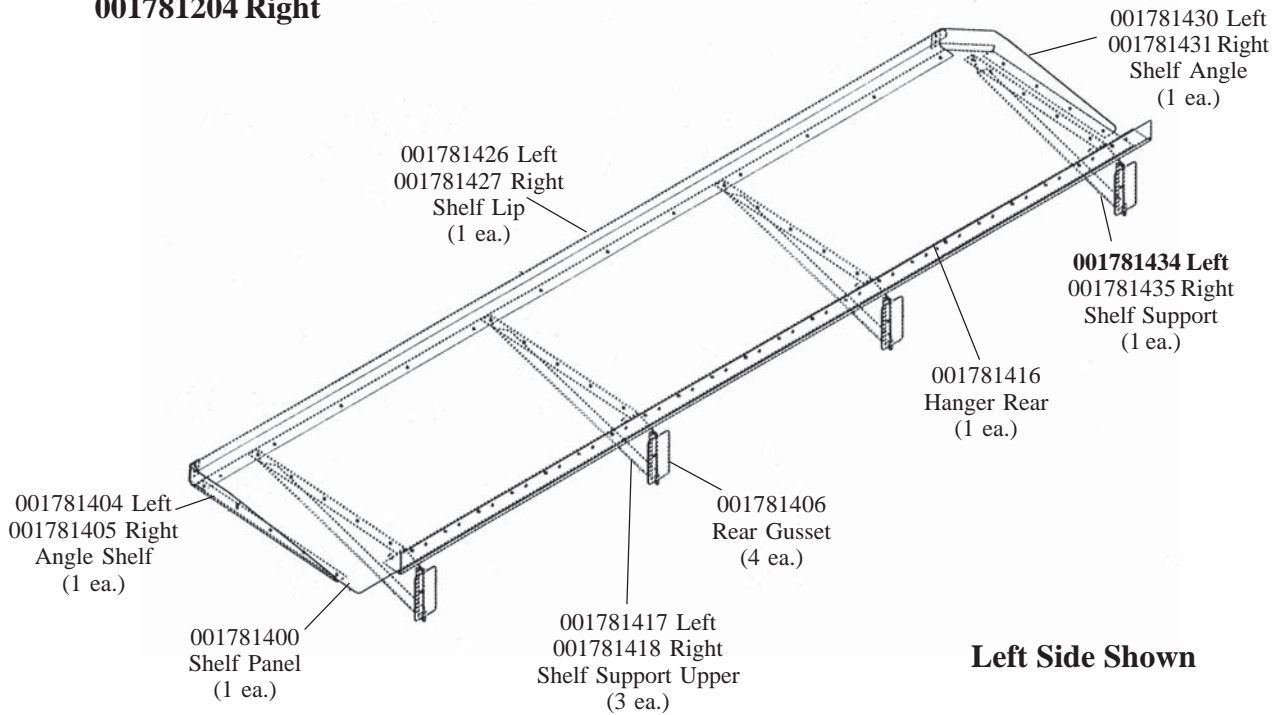
## SHELF LOWER ASSEMBLY 001781201 LEFT 001781202 RIGHT (SHORT)



# SHELVING - FOLD

## SHELF UPPER ASSEMBLY

001781203 Left  
001781204 Right

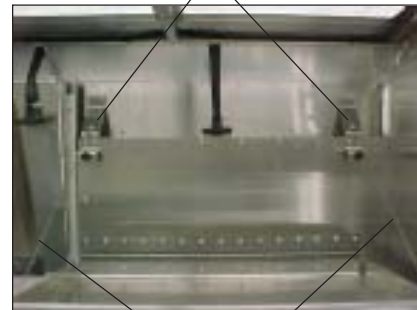


44002011  
Rubber Bumper  
(20 ea.)

47000511  
Flex Latch (12 ea.)



001781442  
Zee Clip (4 ea.)



001781421  
Cable Assembly  
(8 ea.)

**Not Shown**  
001781425 Angle Bracket (4 ea.)

# RETAINER TRACK



001739500  
Track Retainer x 93.00"  
(2 ea.)

- 45400427 ATRK Horz (2 ea)
- 45400428 ATRK Horz (1 ea.)
- 45400429 ATRK Horz (1 ea.)



47005097 Mirror Crossview Front (1 ea.)  
47005100 Mirror Bracket Kit Front (1 ea.)  
47005101 Mirror Head 8" (1 ea.)

- 47005108 Mirror Assembly LH (1 ea.)
- 47005109 Mirror Assembly RH (1 ea.)