

MORGAN PARTS CATALOG

2013-2016 Penske Consumer Rental and Commercial Truck Bodies

PDF Navigation Instructions:

1. Arrows at the bottom of each page work in the following manner:



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2. Clicking on an line item in the Table of Contents takes you to that page in the catalog.

3. Clicking on any part of a drawing will zoom to the parts list. Clicking again on the parts list will return you to full page view.

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2013-2016 Penske Consumer Rental and Commercial Truck Bodies



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Morgan's Dealer Network carries original Morgan parts along with parts from other leading manufacturers. Every parts request is considered "Unit Down," thus providing the parts and service you need to get you back on the road in the least amount of time possible.

If you don't see the part you need listed here, just give us a call. You'll find that Morgan offers not only the best in truck body quality, but also offers the best in truck body parts at highly competitive pricing.





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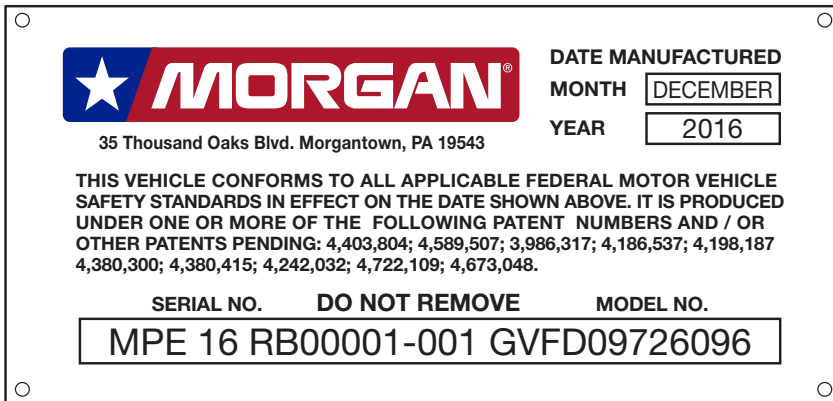
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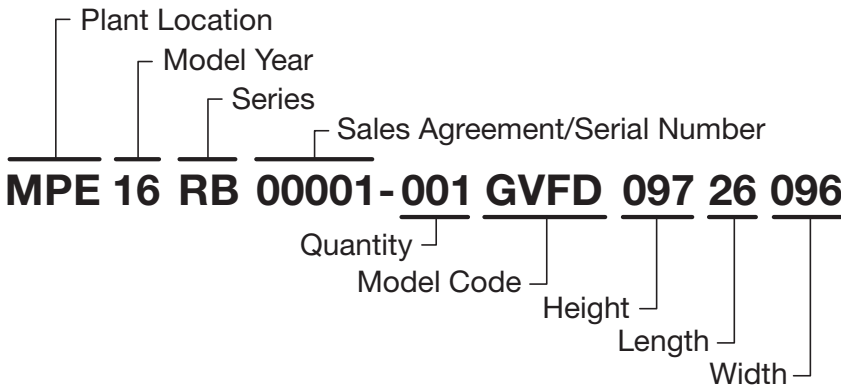


When ordering parts for Morgan Van Bodies you will find all the information you need on the Morgan Serial Plate. This plate is located on the roadside bottom rail approximately 6" from the front wall. Below is an illustration of this serial plate and instructions for how to read it.



***Model Codes:**

- GVFD — Fiberglass Reinforced Plywood Dry Freight Body
- GVMD — MorganPlate® Dry Freight Body
- PDC — Parcel Van
- PVFD — Parcel Van, Fiberglass Reinforced Plywood Dry Freight Body
- PVMD — Parcel Van, MorganPlate® Dry Freight Body



Paint Code Specification for Penske Yellow:

Dupont N2832

Morgan Corporation Parts - Access our online catalog by Visiting our website @ Morgancorp.com

Phone: 877-703-9415

Speed Dial Options▪ Georgia- Option 2 then Option 1 for Parts ▪ Florida- Option 3 then Option 1 for Parts
 Pennsylvania- Option 4 then Option 1 for Parts ▪ Wisconsin- Option 5 then Option 1 for Parts ▪ Colorado- Option 6 the Option 1 for Parts

Florida

4434 Maine Avenue Lakeland, FL 33801
 Contact: Sandy Adye
 Extension **2529**
 Email: sandra.adye@morgancorp.com

Georgia

4120 Highway 411 NE Rydal, GA 30171
 Contact: Maxine Hurst
 Extension **5026**
 Email: Maxine.Hurst@morgancorp.com

Pennsylvania

111 Morgan Way Morgantown, PA 19543
 Contact: Vince Kramlich
 Extension **2716**
 Email: Vince.Kramlich@morgancorp.com

Colorado

4985 York Street Denver, CO 80216
 Contact: Steve Tatman
 Extension **5016**
 Email: Steve.Tatman@morgancorp.com

Wisconsin

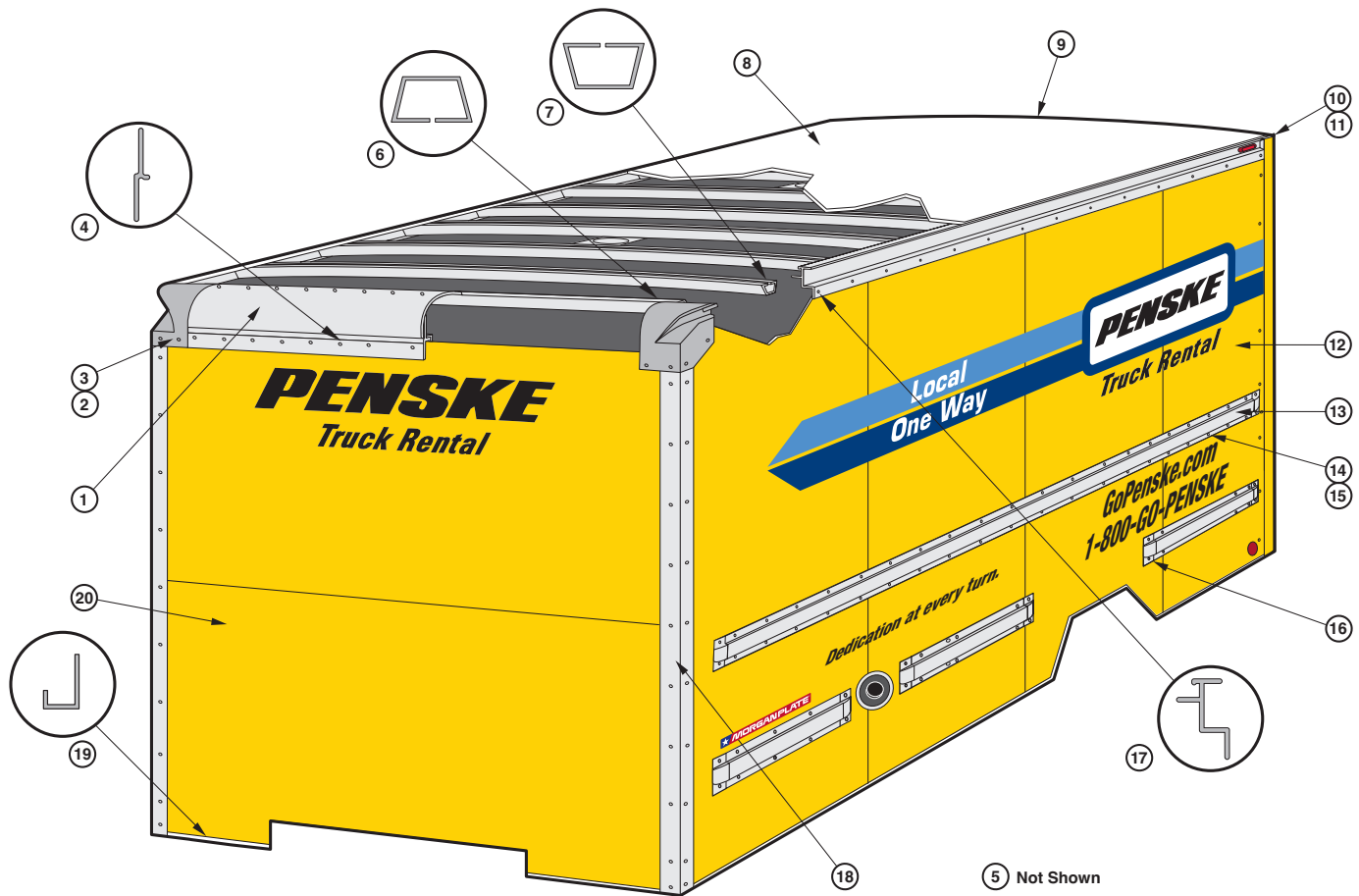
3100 E Morgan Way Janesville, WI 53546
 Contact: Debra Disher
 Extension **4383**
 Email: Debra.Disher@morgancorp.com

OEM Parts Manager

Contact: Cathy Burns
 Extension **5021**
 Email: Cathy.Burns@morgancorp.com

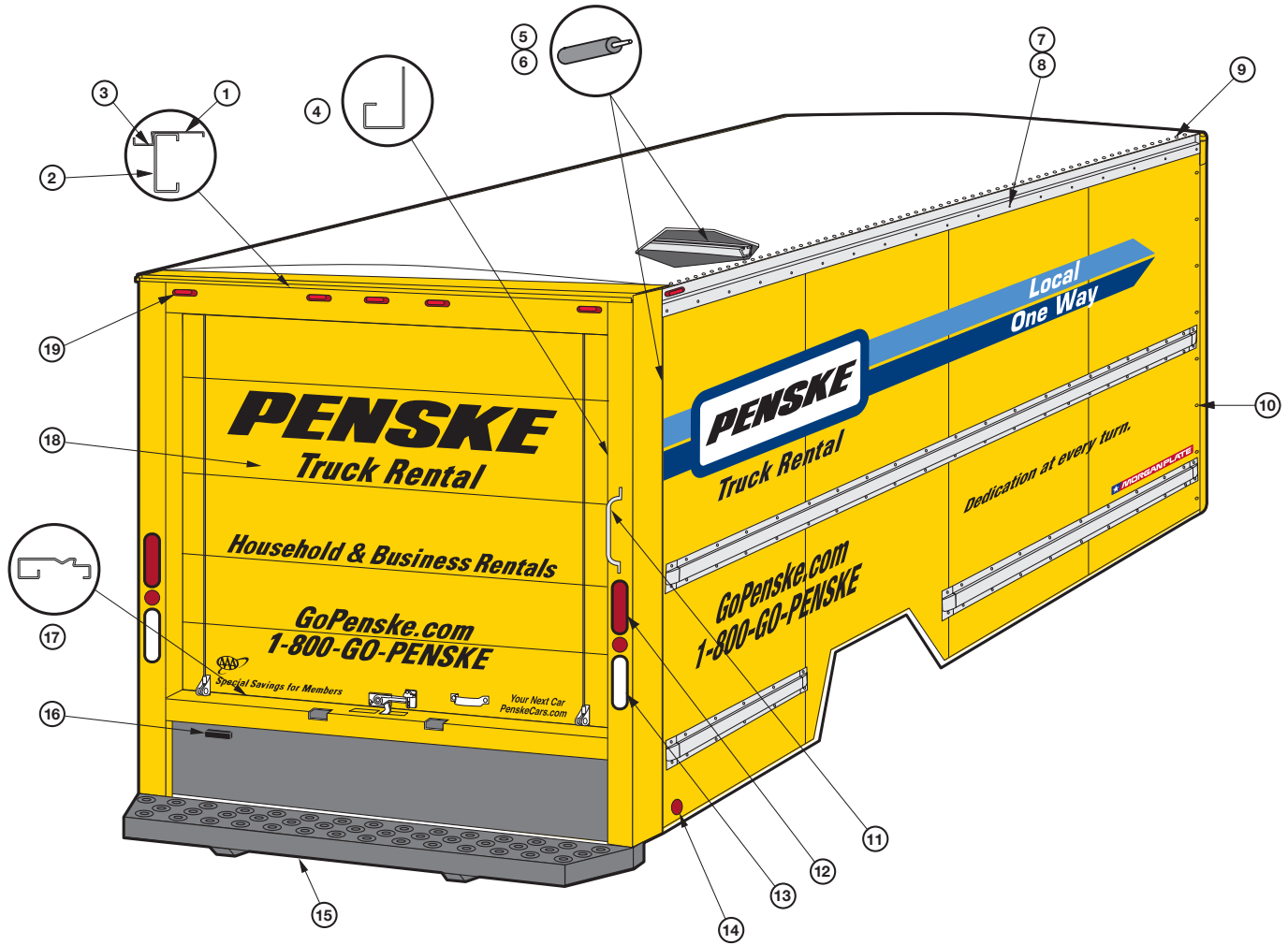
Please feel free to contact your nearest representative for parts information and pricing.





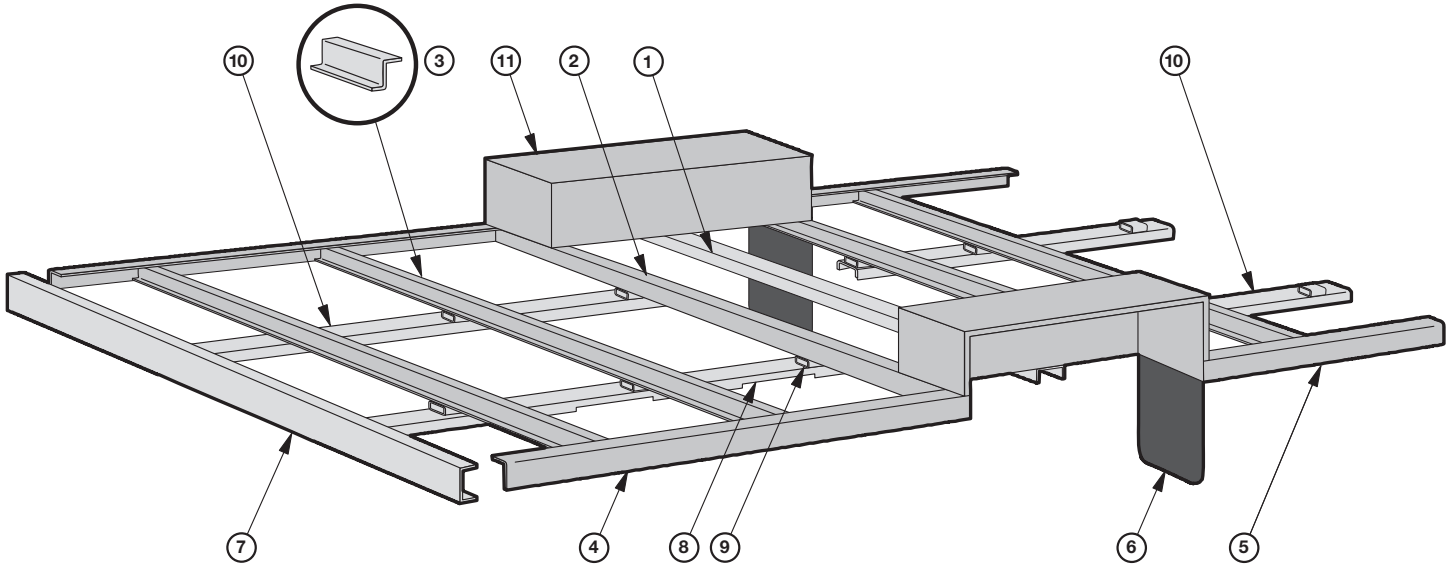
Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	Front Top Radius	1	N/A	0065422	0065422	0065422
2	Corner Cap (C/S)	1		006931	006931	006931
3	Corner Cap (R/S)	1		006932	006932	006932
4	Front Top Connector	1		001452	001452	001452
5	Front Corner Post Inside (C/S)	1		12041591	12041591	12041591
	Front Corner Post Inside (R/S)	1		12041592	12041592	12041592
6	Front Roof Bow	1		124151	124151	124151
7	Intermediate Roof Bow	4		019037	019037	019037
8	Translucent Roof Sheet	As Req'd		0664401	0664401	0664401
9	Rear Roof Closure	1		143822	143822	143822
10	Top Rail Rear Closure	2		143901	143901	143901
11	Steel Plate	1		1148800	1170865	1170865
12	Side Panel C/S	As Req'd		06990278	06990278	06990278
	Side Panel R/S	As Req'd		06990278	06990278	06990278
13	Rub Rail	As Req'd		0045597	0045597	0045597
14	Rub Rail Bolt	As Req'd		051047	051047	051047
15	Rub Rail Nut	As Req'd		0520210	0520210	0520210
16	Rub Rail End Cap	As Req'd		00697203	006972	006972
17	Top Rail	2		006972	000507	000507
18	Front Corner Post Outside (C/S)	1		1418373	1418373	1418373
	Front Corner Post Outside (R/S)	1		1418374	1418374	1418374
19	Panel Edge Cap	As Req'd		003951	003951	003951
20	Front Panel	2		06990278	06990278	06990278





Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	Upper Header	1	N/A	11218232	11218232	11218232
2	Lower Header	1		11218195	11218195	11218195
3	Replaceable Drain Trough	1		—	112169208	112169208
4	Rear Corner Post (C/S)	1		1198681	1198681	1198681
	Rear Corner Post (R/S)	1		1198682	1198682	1198682
5	Manus-Prene Caulk	As Req'd		08017	08017	08017
6	Magicseal Caulk	As Req'd		080153	080153	080153
7	Top Rail Bolt	As Req'd		051047	051047	051047
8	Top Rail Nut	As Req'd		0520210	0520210	0520210
9	Roof Rivets	As Req'd		05412	05412	05412
10	Monobolts	As Req'd		055053	055053	055053
11	Grab Handle	1		087919	087919	087919
12	Tail Light - Red	2		0402785	0402785	0402785
13	Backup - Clear	2		0402780	0402780	0402780
14	Reflector -Red	4		040645	040645	040645
15	Bumper	1		1036234	1036234	1036234
16	License Plate Kit	1		040385	040385	040385
17	Rear Endplate	1		107661971	107661971	107661988
18	Overhead Door	1		Call w/ Serial #	Call w/ Serial #	Call w/ Serial #
19	Clearance Light - Red	7		46001291	46001291	46001291

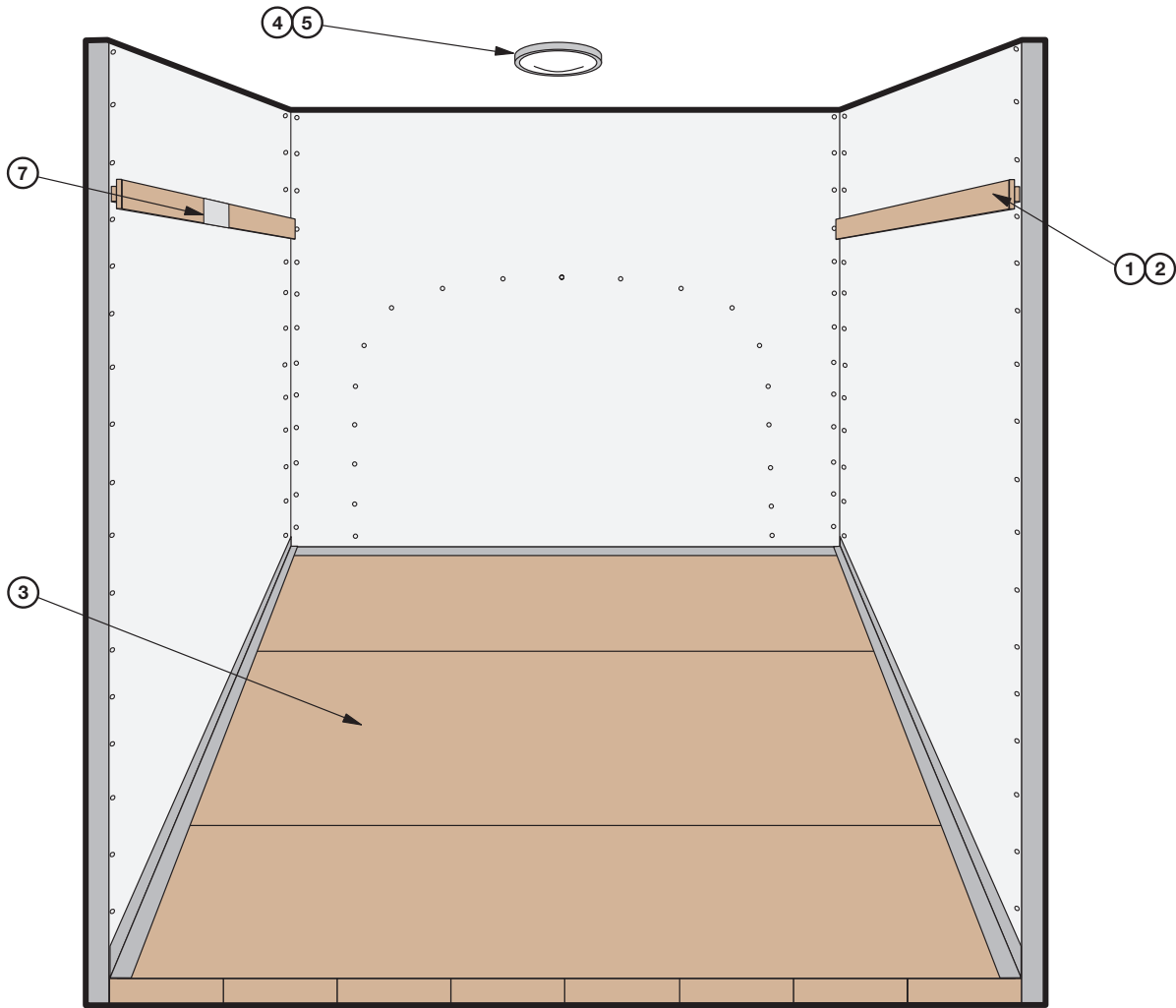




FRP/PVFD/PVMD Subframe

Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	Floor Support	1	N/A	1061791	1061791	019125
2	Floor Angle	2		1017383	1017383	1017383
3	Crossmember	5		1285777	1285777	1285777
4	Sole Angle Front	2		019756	019756	019756
5	Sole Angle Rear	2		019757	019757	019757
6	Mudflap	2		0774451	0774451	0774451
7	Front Crossmember	1		128525	128525	128525
8	Long Rail Front R/S	1		0194161	0194161	0194180
	Long Rail Front C/S	1		0194162	0194162	0194181
9	Spacer Tube	As Req'd		10248315	10248315	10248315
10	Long Rail Rear R/S	1		0194164	0194164	194185
	Long Rail Rear C/S	1		0194163	0194163	194186
11	Wheelbox ASM	2		128256	128256	1282563



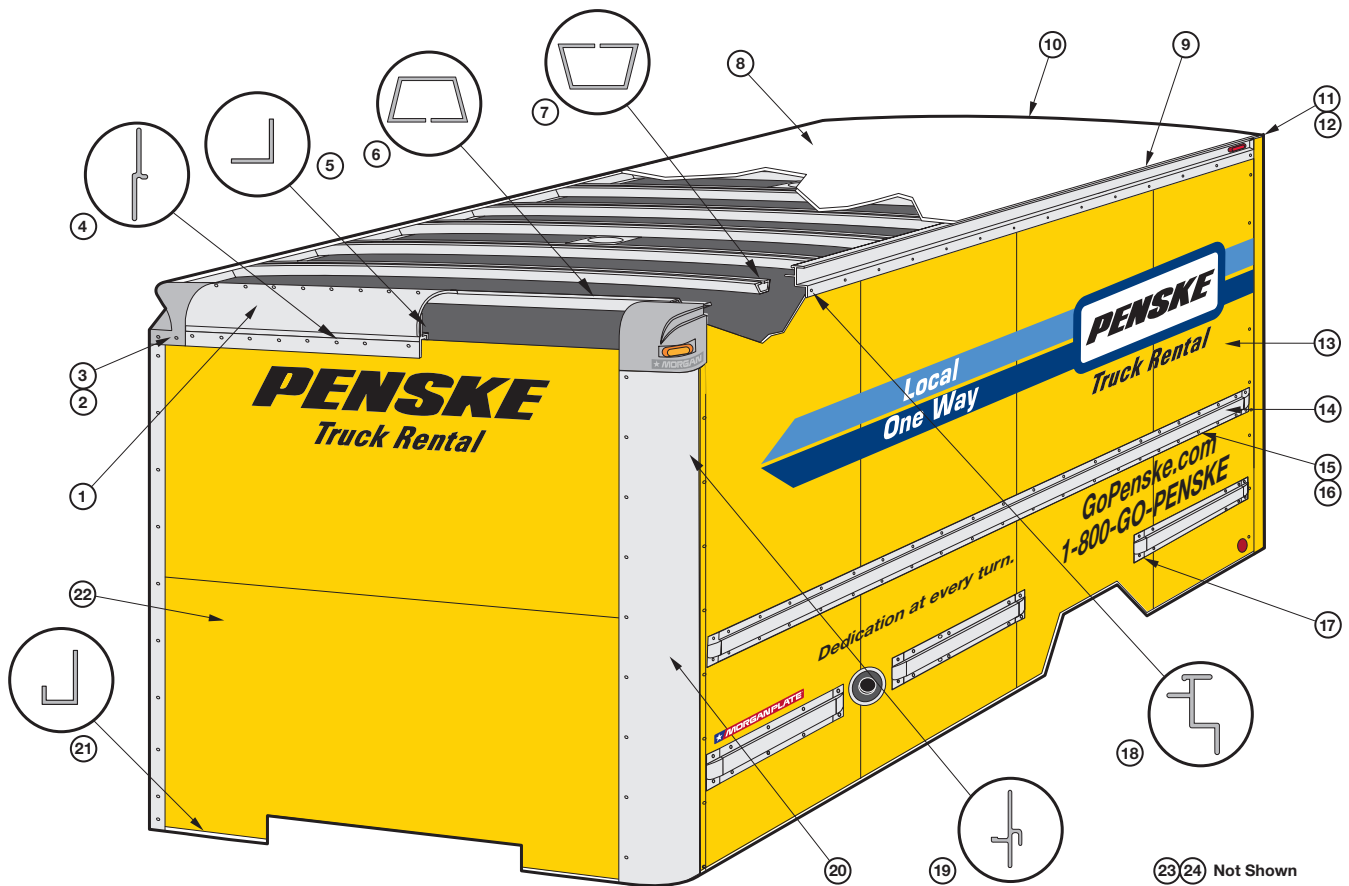


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FRP/PVFD/PVMD Parcel Van Interior

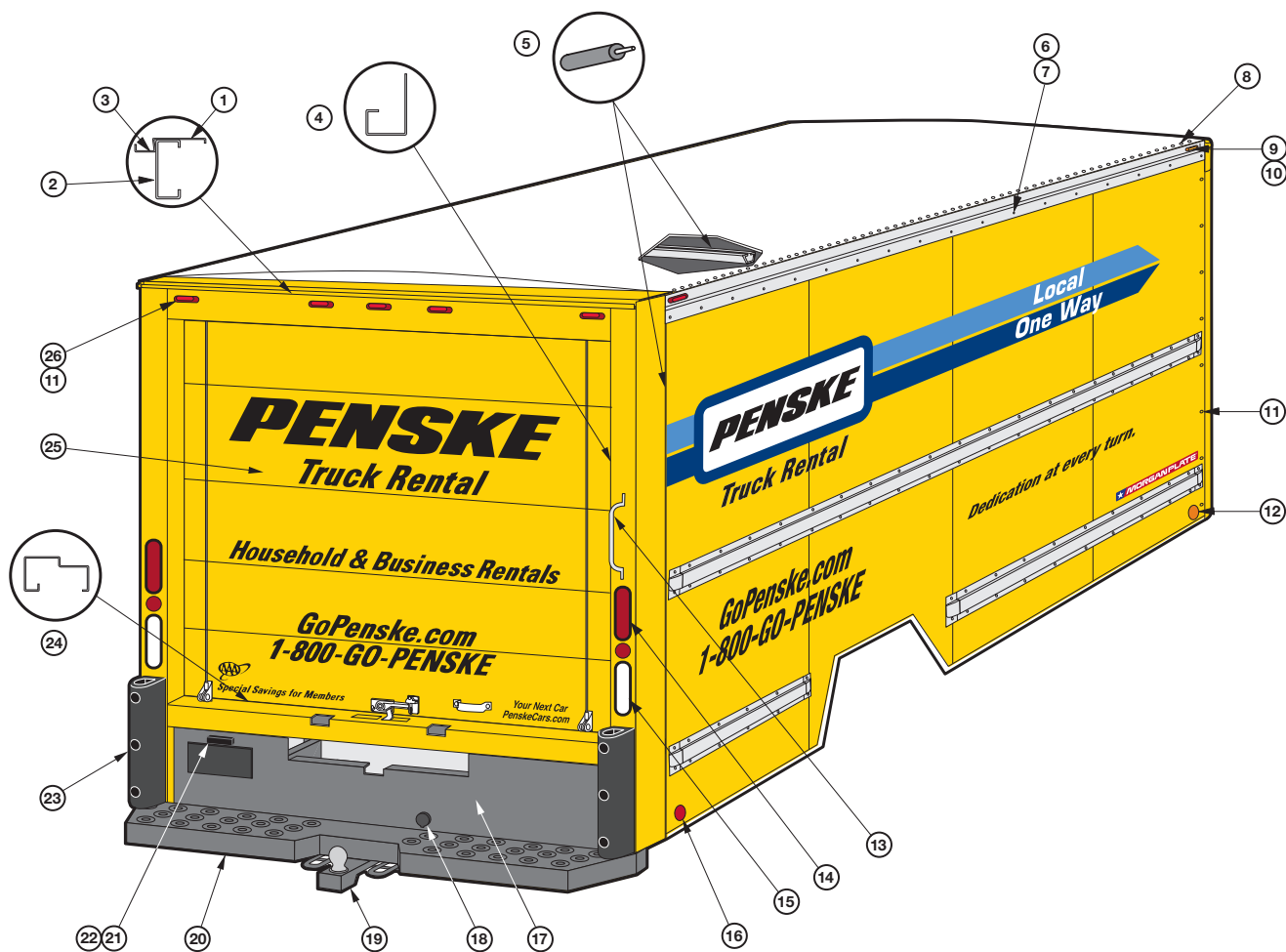
Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	Wood Slat	As Req'd	N/A	0219863	0219863	0219863
2	Wood Slat Spacer	As Req'd		07682	07682	07682
3	Plywood Flooring	As Req'd		0215499	0215499	0215499
4	Dome Light	1		040542	040542	040542
5	Dome Light Bracket	1		102938	102938	102938
6	Butyl Adhesive	As Req'd		008002	008002	008002
7	Splice Plate for Tie Slat	As Req'd		106752	106752	106752





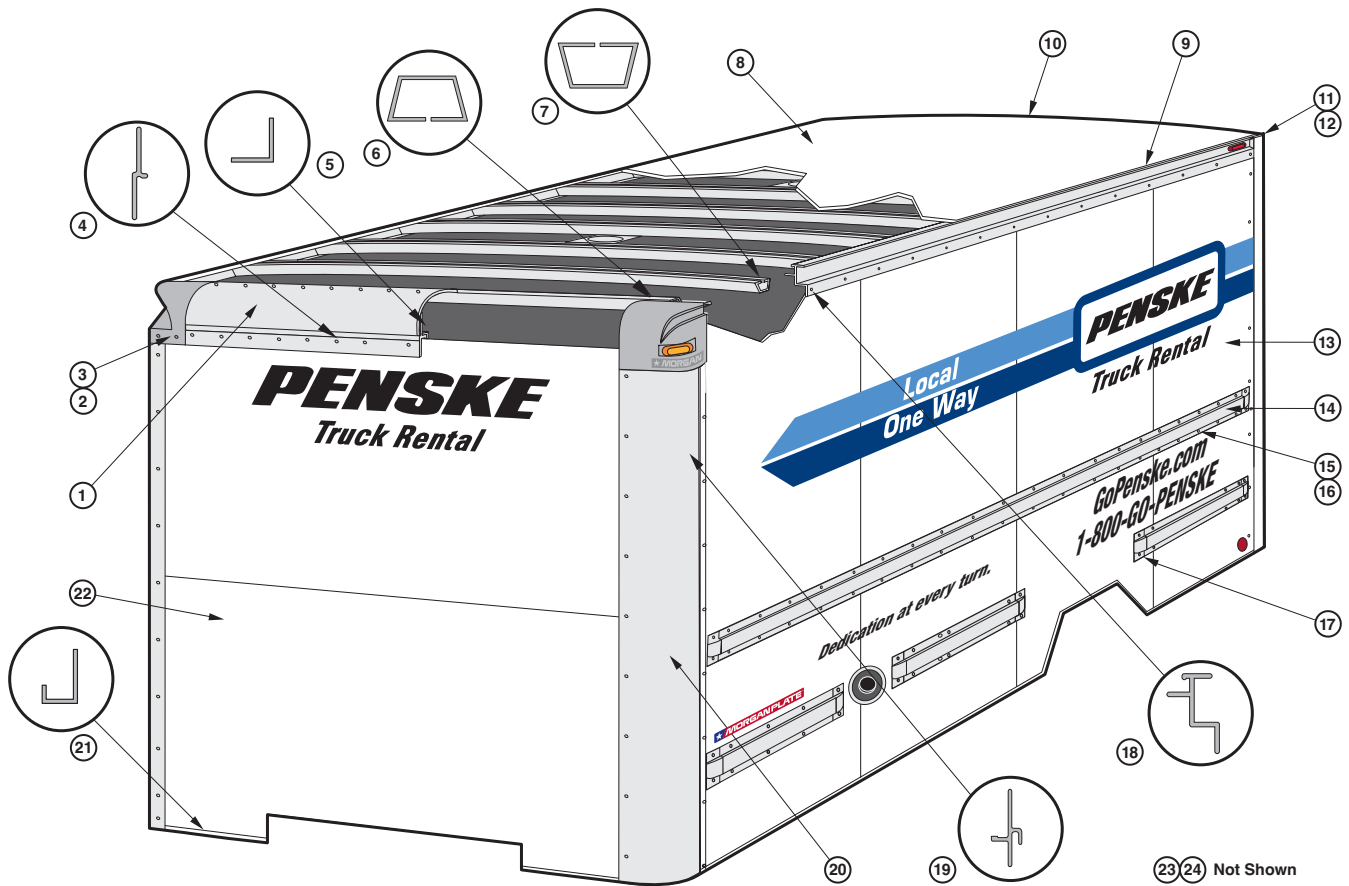
Item#	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	Front Top Radius	1	13500	13500	13500	13500
2	Corner Cap (C/S)	1	6266416	6266416	6266416	6266416
3	Corner Cap (R/S)	1	6266516	6266516	6266516	6266516
4	Front Top Connector	1	001444	001444	001444	001444
5	Cap Closure	1	1040538	1040538	1040538	1040538
6	Front Roof Bow	As Req'd	0192403	0192403	0192403	0192403
7	Intermediate Roof Bow	As Req'd	0190330	0190330	0190330	0190330
8	Translucent Roof Sheet	As Req'd	0664401	0664401	0664401	0664401
9	J-Molding	As Req'd	003951	003951	003951	003951
10	Rear Roof Closure	1	1438206	1438206	1438206	1438206
11	Top Rail Rear Closure	As Req'd	143901	143901	143901	143901
12	Steel Plate	2	1170865	1170865	1170865	1170865
13	Morganplate Side Panel YLW (C/S)	4	06990278	06990278	06990278	06990278
	Morganplate Side Panel YLW (R/S)	4	06990278	06990278	06990278	06990278
14	Rub Rail	As Req'd	0045597	0045597	0045597	0045597
15	Rub Rail Bolt	As Req'd	051047	051047	051047	051047
16	Rub Rail Nut	As Req'd	0520210	0520210	0520210	0520210
17	Rub Rail End Cap	As Req'd	006972	006972	006972	006972
18	Top Rail	2	000507	000507	000507	000507
19	Connector Post - C/S	As Req'd	001481	001481	001481	001481
	Connector Post - R/S	As Req'd	001481	001481	001481	001481
20	Corner Radius	2	0065363	0065363	0065363	0065363
21	Panel Edge Cap	2	003951	003951	003951	003951
22	Front Panel	1	06990278	06990278	06990278	06990278
23	Seal Rubber	As Req'd	076362	076362	076362	076362
24	Seal Butyl	As Req'd	—	—	076366	076366





Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	Upper Header	1	11218291	11218291	112169205	112169205
2	Lower Header	1	1121873	1121873	11218739	11218739
3	Removable Drain Trough	1	—	—	112169204	112169204
4	Rear Corner Post (C/S)	1	1198695	1198695	1198695	1198695
	Rear Corner Post (R/S)	1	1198696	1198696	1198696	1198696
5	Manus-Prene Caulk	As Req'd	08017	08017	08017	08017
6	Top Rail Bolt	As Req'd	051047	051047	051047	051047
7	Top Rail Nut	As Req'd	0520210	0520210	0520210	0520210
8	Roof Rivets	As Req'd	05412	05412	05412	05412
9	Clearance Light YLW	As Req'd	46001285	46001285	46001290	46001290
10	Clearance Light Pigtail	As Req'd	041328	041328	—	—
11	Monobolt Rivets	As Req'd	055053	055053	055053	055053
12	Reflector – Yellow	4	040646	040646	—	—
13	Grab Handle	2	087919	087919	087919	087919
14	Tail Light – Red	2	0402783	0402783	0402783	0402783
15	Backup Light – Clear	2	0402780	0402780	0402780	0402780
16	Reflector – Red	4	040645	040645	040645	040645
17	Rear Closure Plate	1	1167433	1167433	1167435	1167435
18	4-Way Plug Adaptor	1	043962	043962	043962	043962
19	Hitch	1	HIT2104	HIT2104	HIT2104	HIT2104
20	Bumper	1	1036225	1036225	1036225	1036225
21	License Plate Light	1	040385	040385	040380	040380
22	License Plate Light Bracket	1	46002422	46002422	—	—
23	Rubber Dock Bumper	2	076267	076267	076267	076267
24	Rear End Plate	1	10766185	10766185	107661851	107661852
25	Overhead Door	1	Call w/ serial #	Call w/ serial #	Call w/ serial #	Call w/ serial #
26	Clearance Light – Red	As Req'd	46001284	46001284	46001291	46001291

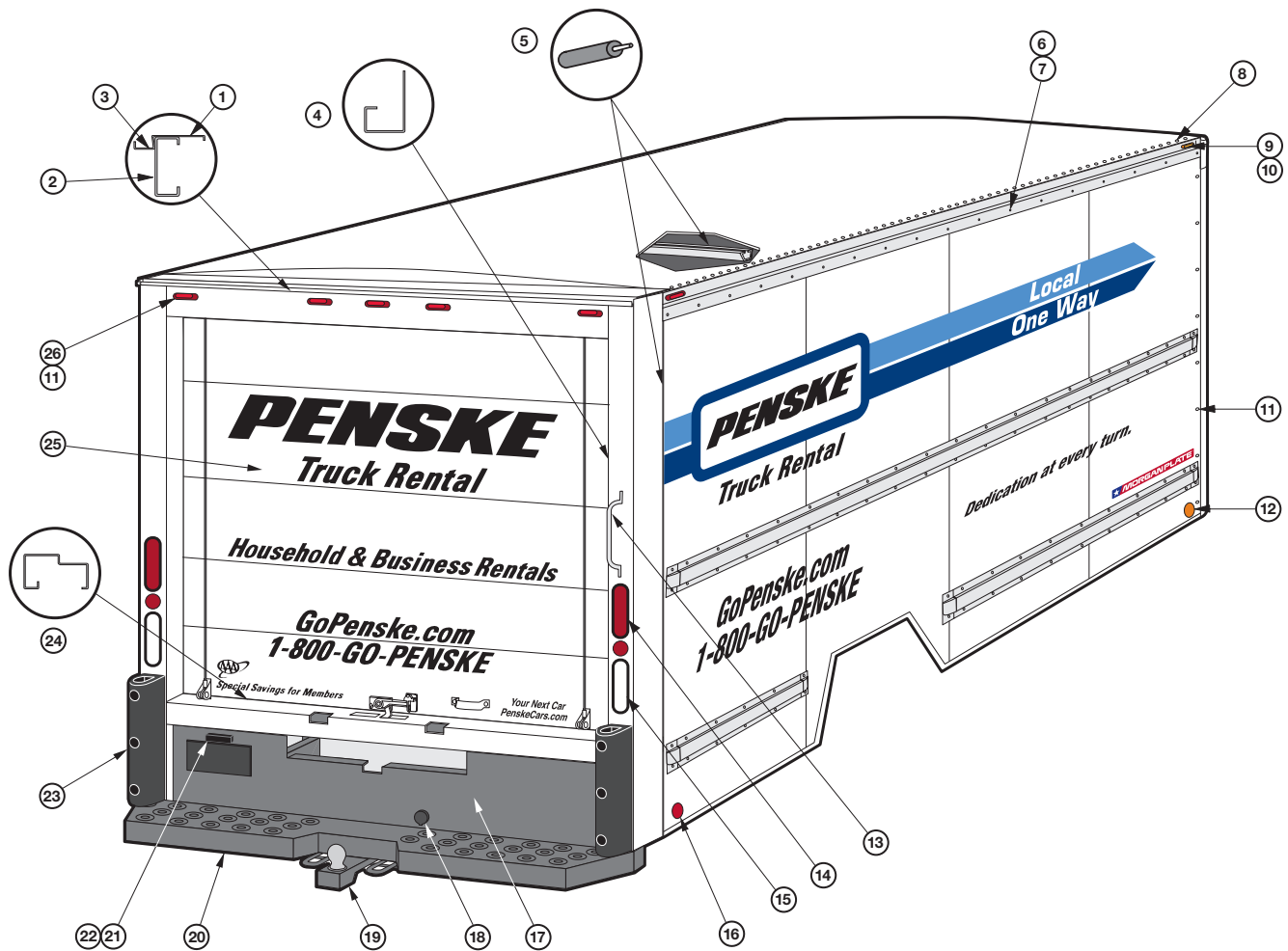




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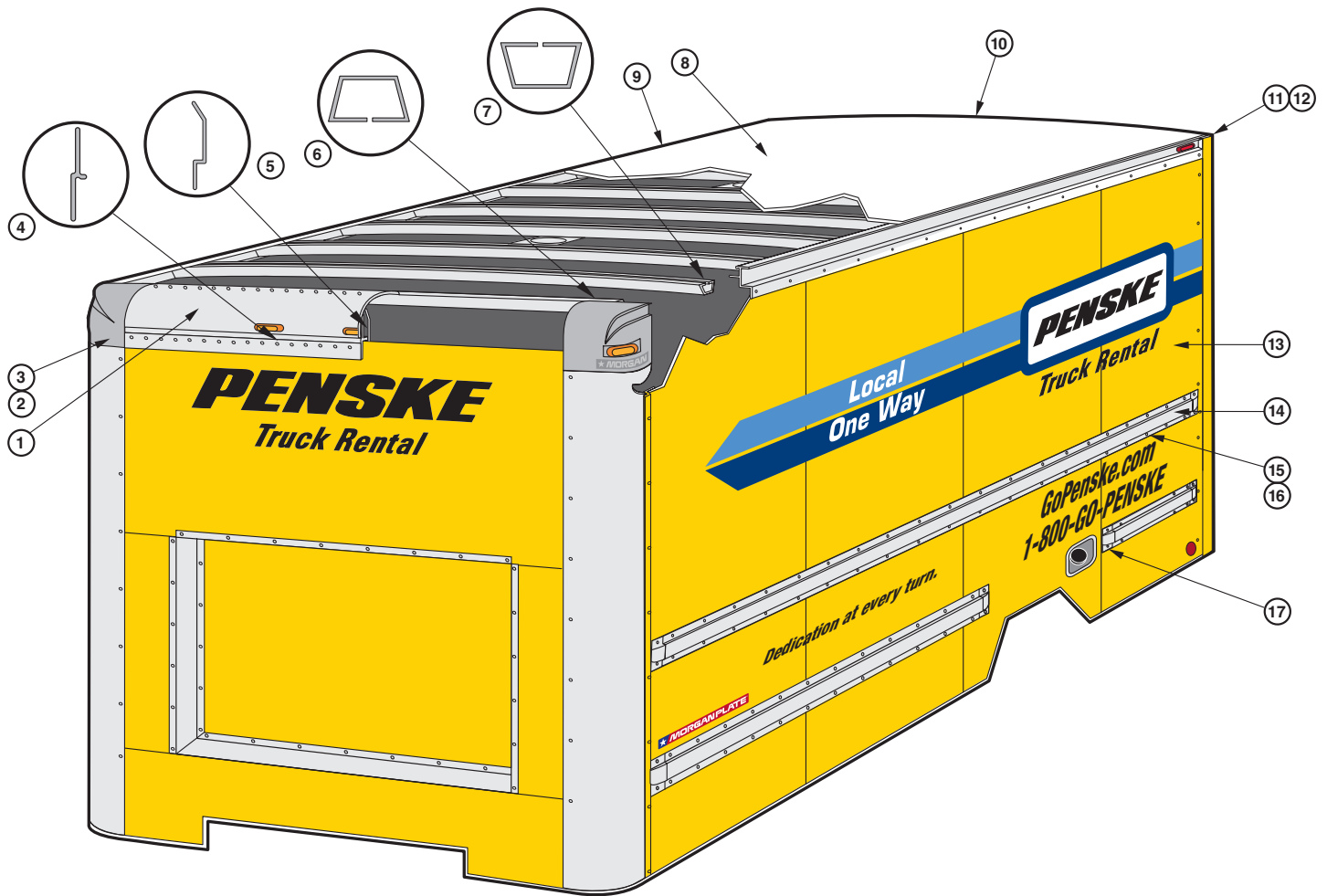
Item#	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	Front Top Radius	1	13500	13500	13500	13500
2	Corner Cap (C/S)	1	6266416	6266416	6266416	6266416
3	Corner Cap (R/S)	1	6266516	6266516	6266516	6266516
4	Front Top Connector	1	001444	001444	001444	001444
5	Cap Closure	1	1040538	1040538	1040538	1040538
6	Front Roof Bow	1	0192403	0192403	0192403	0192403
7	Intermediate Roof Bow	As Req'd	0190330	0190330	0190330	0190330
8	Translucent Roof Sheet	As Req'd	0664401	0664401	0664401	0664401
9	J-Molding	As Req'd	003951	003951	003951	003951
10	Rear Roof Closure	1	1438206	1438206	1438206	1438206
11	Top Rail Rear Closure	As Req'd	143901	143901	143901	143901
12	Steel Plate	2	1170865	1170865	1170865	1170865
13	Morganplate Side Panel - White	4	06990279	06990279	06990279	06990279
14	Rub Rail	As Req'd	0045597	0045597	0045597	0045597
15	Rub Rail Bolt	As Req'd	051047	051047	051047	051047
16	Rub Rail Nut	As Req'd	0520210	0520210	0520210	0520210
17	Rub Rail End Cap	As Req'd	006972	006972	006972	006972
18	Top Rail	2	000507	000507	000507	000507
19	Connector Post - C/S	As Req'd	001481	001481	001481	001481
	Connector Post - R/S	As Req'd	001481	001481	001481	001481
20	Corner Radius	2	0065363	0065363	0065363	0065363
21	Panel Edge Cap	2	003951	003951	003951	003951
22	Front Panel	1	06990278	06990278	06990278	06990278
23	Seal Rubber	As Req'd	076362	076362	076362	076362
24	Seal Butyl	As Req'd	—	—	076366	076366





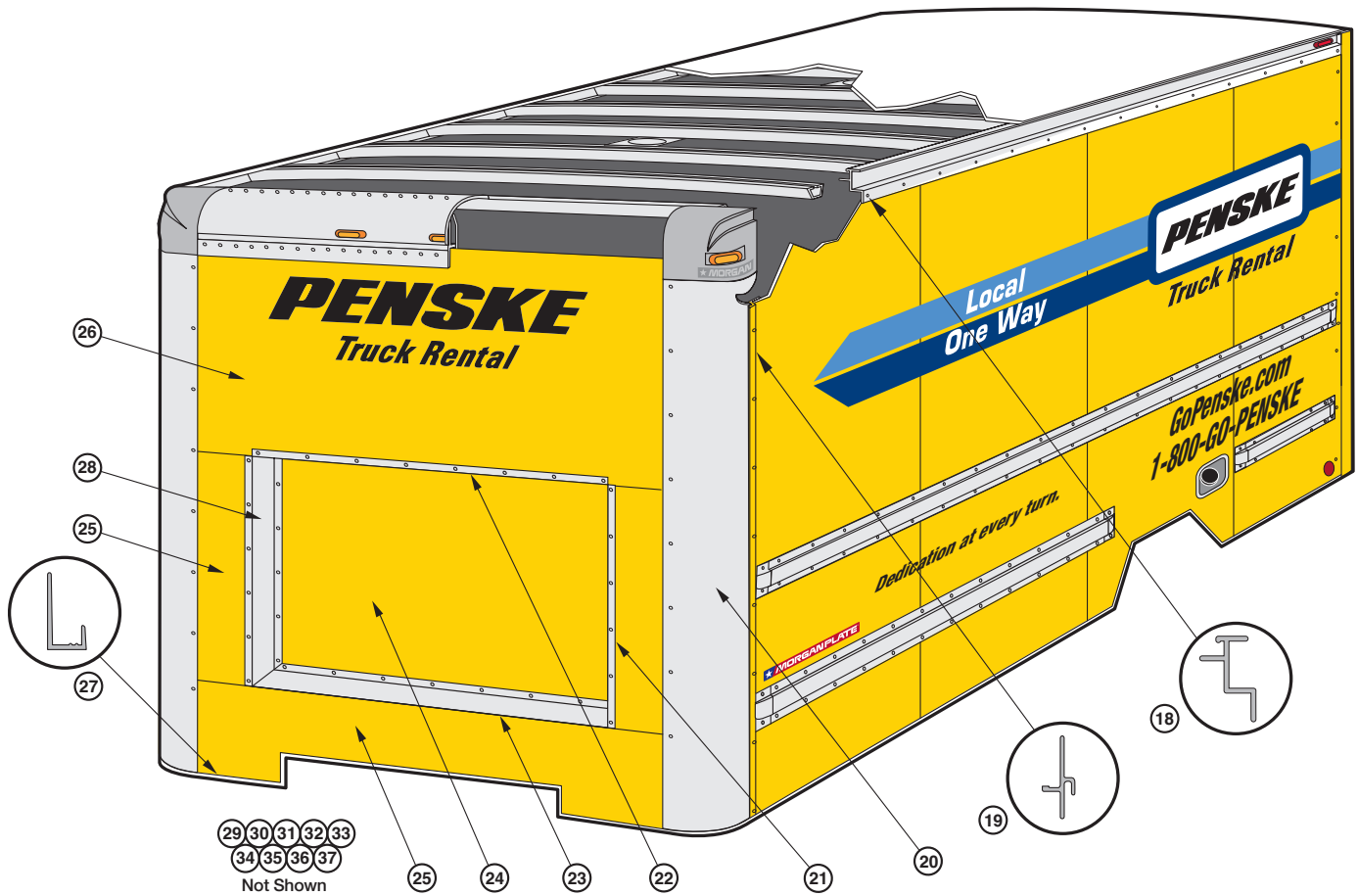
Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	Upper Header	1	11218291	11218291	112169205	112169205
2	Lower Header	1	1121873	1121873	11218739	11218739
3	Removable Drain Trough	1	—	—	112169204	112169204
4	Rear Corner Post (C/S)	1	1198695	1198695	1198695	1198695
	Rear Corner Post (R/S)	1	1198696	1198696	1198696	1198696
5	Manus-Prene Caulk	As Req'd	08017	08017	08017	08017
6	Top Rail Bolt	As Req'd	051047	051047	051047	051047
7	Top Rail Nut	As Req'd	0520210	0520210	0520210	0520210
8	Roof Rivets	As Req'd	05412	05412	05412	05412
9	Clearance Light YLW	As Req'd	46001285	46001285	46001290	46001290
10	Clearance Light Pigtail	As Req'd	041328	041328	—	—
11	Monobolt Rivets	As Req'd	055053	055053	055053	055053
12	Reflector – Yellow	4	040646	040646	—	—
13	Grab Handle	2	087919	087919	087919	087919
14	Tail Light – Red	2	0402783	0402783	0402783	0402783
15	Backup Light – Clear	2	0402780	0402780	0402780	0402780
16	Reflector – Red	4	040645	040645	040645	040645
17	Rear Closure Plate	1	1167433	1167433	1167435	1167435
18	4-Way Plug Adaptor	1	043962	043962	043962	043962
19	Hitch	1	HIT2104	HIT2104	HIT2104	HIT2104
20	Bumper	1	1036225	1036225	1036225	1036225
21	License Plate Light	1	040385	040385	040380	040380
22	License Plate Light Bracket	1	46002422	46002422	—	—
23	Rubber Dock Bumper	2	076267	076267	076267	076267
24	Rear End Plate	1	10766185	10766185	107661851	107661852
25	Overhead Door	1	Call w/ serial #	Call w/ serial #	Call w/ serial #	Call w/ serial #
26	Clearance Light – Red	As Req'd	46001284	46001284	46001291	46001291





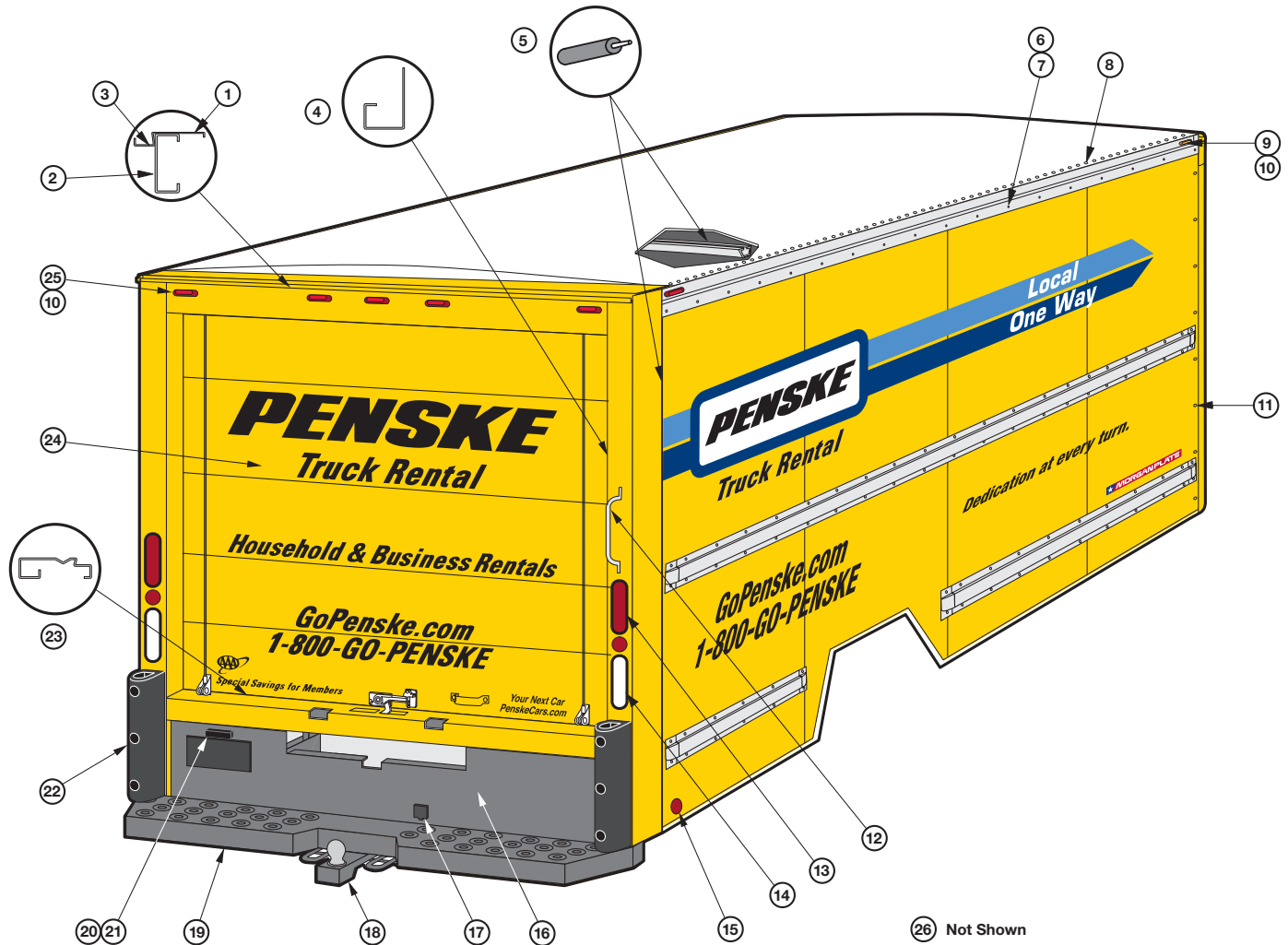
Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	Front Top Radius	1	13500	13500	13500	13500
2	Corner Cap (C/S)	1	6266416	6266416	6266416	6266416
3	Corner Cap (R/S)	1	6266516	6266516	6266516	6266516
4	Front Top Connector	1	001444	001444	001444	001444
5	Cap Closure	1	1040538	1040538	1040538	1040538
6	Front Roof Bow	1	0192403	0192403	0192403	0192403
7	Intermediate Roof Bow	6	0190330	0190330	0190330	0190330
8	Translucent Roof Sheet	As Req'd	0664401	0664401	0664401	0664401
9	J-Molding	2	003951	003951	003951	003951
10	Rear Roof Closure	1	1438206	1438206	1438206	1438206
11	Top Rail Rear Closure	2	143901	143901	143901	143901
12	Steel Plate	2	1170865	1170865	1170865	1170865
13	Morganplate Side Panel YLW (C/S)	4	06990278	06990278	06990278	06990278
	Morganplate Side Panel YLW (R/S)	4	06990278	06990278	06990278	06990278
14	Rub Rail - Round	As Req'd	0045597	0045597	0045597	0045597
15	Rub Rail Bolt	As Req'd	051047	051047	051047	051047
16	Rub Rail Nut	As Req'd	0520210	0520210	0520210	0520210
17	Rub Rail End Cap	As Req'd	006972	006972	006972	006972





Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
18	Top Rail	2	000507	000507	000507	000507
19	Connector Post	As Req'd	001481	001481	001481	001481
20	Corner Radius	2	0065363	0065363	0065363	0065363
21	Bulkhead Z (R/S)	1	1035812	1035812	1035812	1035812
22	Bulkhead Z (Top)	1	1035817	1035817	1035817	1035817
23	Bulkhead Angle – Bottom	1	1004425	1004425	1004425	1004425
24	Bulkhead Panel	1	06990278	06990278	06990278	06990278
25	MorganPlate Front Bottom Panel YLW	1	06990278	06990278	06990278	06990278
26	MorganPlate Front Top Panel YLW	1	06990278	06990278	06990278	06990278
27	Panel Edge Cap 96"	As Req'd	003951	003951	003951	003951
28	Bulkhead Z (C/S)	1	1035813	1035813	1035813	1035813
29	Coat Hook	1	078365	078365	078365	078365
30	Lords 406 Adhesive	As Req'd	080478	080478	080478	080478
31	Lords Adhesive Nozzle	As Req'd	080482	080482	080482	080482
32	Single Sided Tape	As Req'd	0803456	0803456	0803456	0803456
33	Applicator Gun	As Req'd	080483	080483	080483	080483
34	Front Wiring Harness	1	041571	041571	041571	041571
35	Main Harness	1	0410184	0410184	0410184	0410184
36	Seal Rubber	As Req'd	076362	076362	076362	076362
37	Seal Butyl	As Req'd	—	—	076364	076364

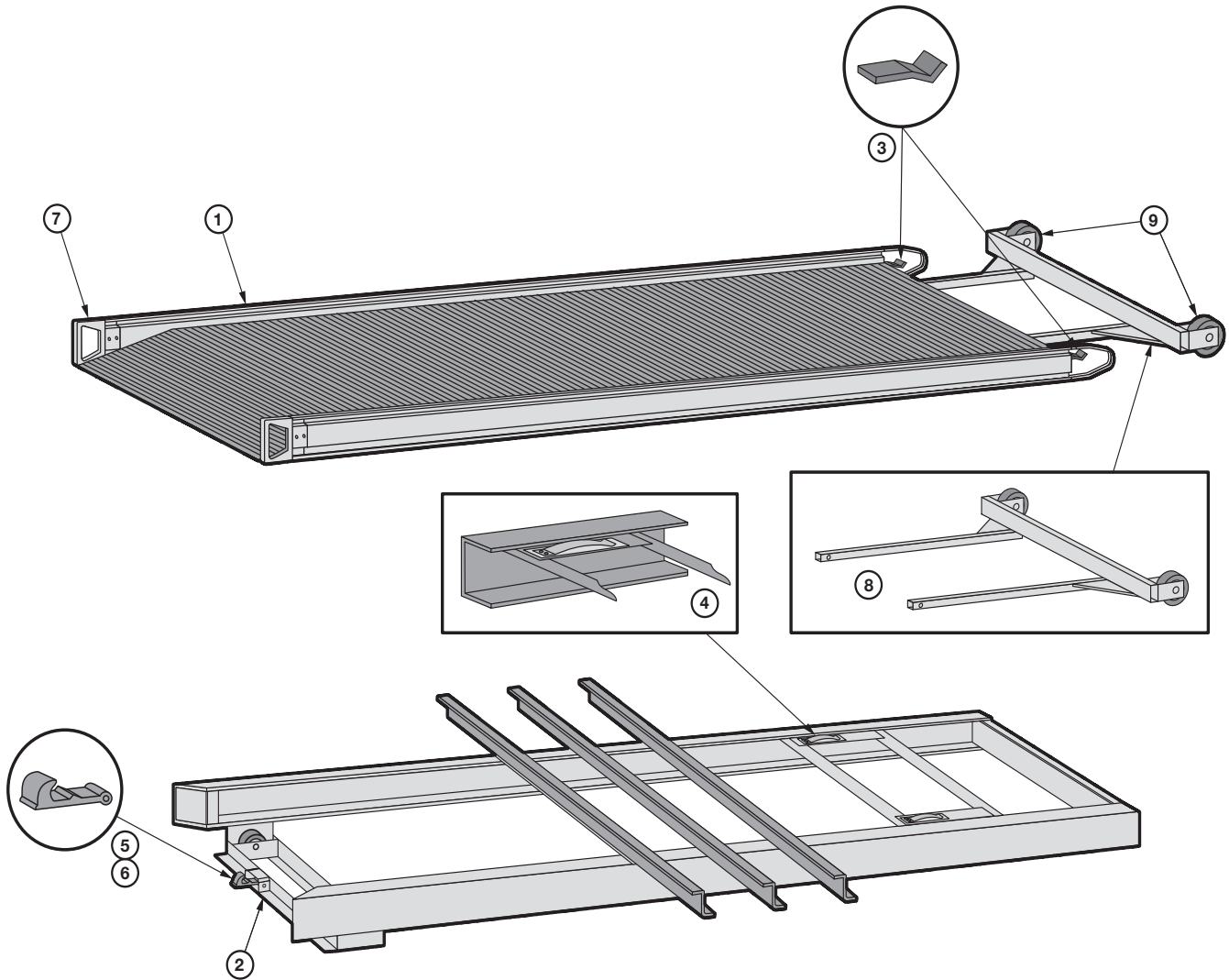




26 Not Shown

Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	Upper Header	1	112169205	112169205	112169205	112169205
2	Lower Header	1	11218739	11218739	11218739	11218739
3	Removable Drain Trough	1	—	—	112169204	112169204
4	Rear Corner Post (C/S)	1	1198695	1198695	1198695	1198695
	Rear Corner Post (R/S)	1	1198696	1198696	1198696	1198696
5	Manus-Prene Caulk	As Req'd	08017	08017	08017	08017
6	Top Rail Bolt	As Req'd	051047	051047	051047	051047
7	Top Rail Nut	As Req'd	0520210	0520210	0520210	0520210
8	Roof Rivets	As Req'd	05412	05412	05412	05412
9	Clearance Pigtail	As Req'd	041328	041328	—	—
10	Clearance Light	2	46001285	46001285	46001290	46001290
11	Monobolt Rivets	As Req'd	055053	055053	055053	055053
12	Grab Handle	1	087919	087919	087919	087919
13	Tail Light - Red	2	0402783	0402783	0402783	0402783
14	Backup - Clear	2	0402780	0402780	0402780	0402780
15	Reflector - Red	4	040645	040645	040645	040645
16	Rear Closure Plate	1	1167435	1167435	1167435	1167435
17	4-Way Plug Adaptor	1	043962	043962	043962	043962
18	Hitch	1	See Page 34	See Page 34	See Page 34	See Page 34
19	Bumper	1	1036225	1036225	1036225	1036225
20	License Plate Light	1	040385	040385	040380	040380
21	License Plate Light Bracket	1	46002422	46002422	—	—
22	Rubber Dock Bumper	2	076267	076267	076267	076267
23	Rear End Plate	1	10766185	10766185	107661851	107661852
24	Overhead Door	1	call with ser #	call with ser #	call with ser #	call with ser #
25	Clearance Light - Red	7	46001290	46001290	46001291	46001291
26	Rear Harness	1	041836	041836	041836	041836

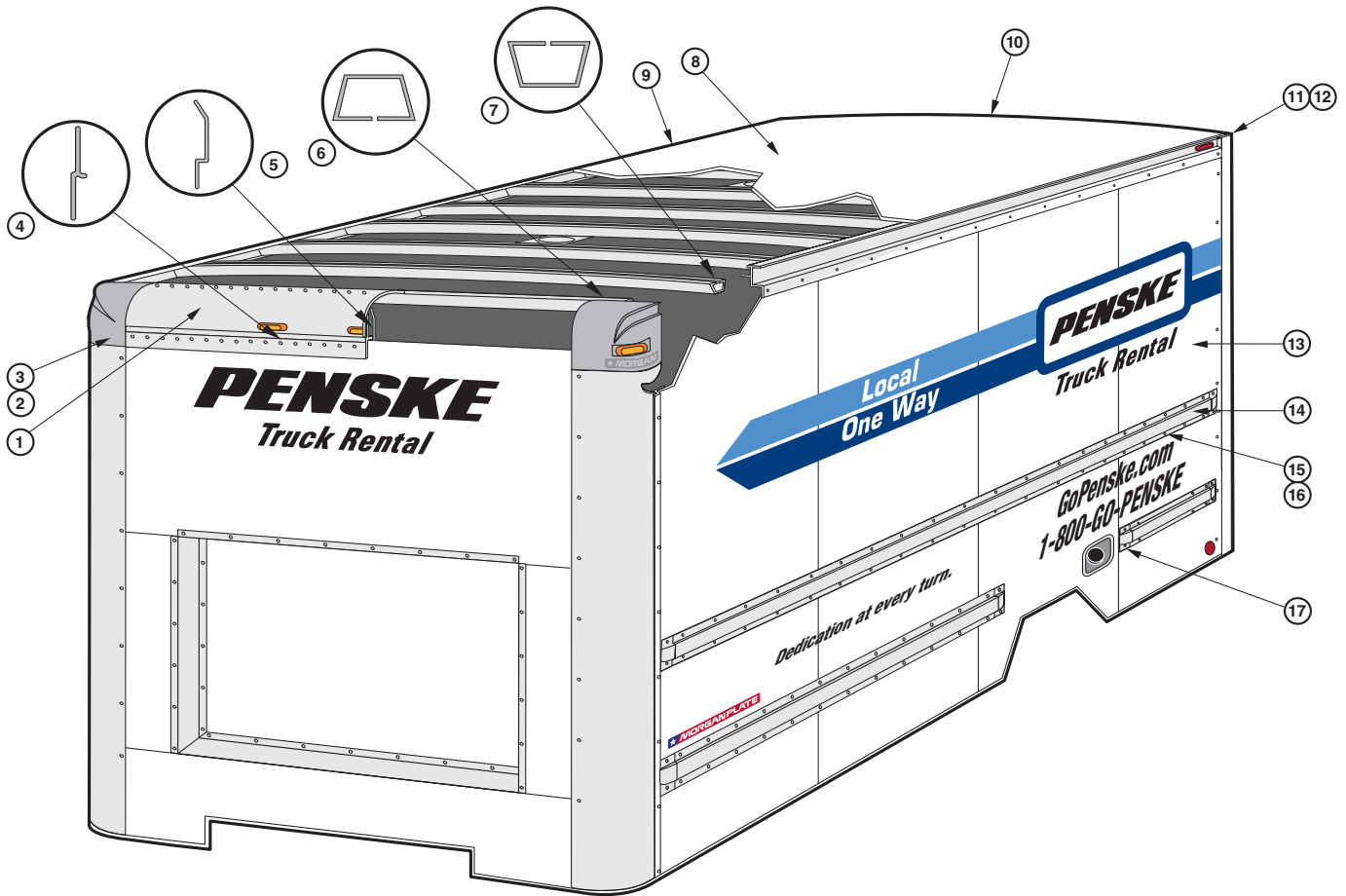




10' Parcel Van Walkramp 2013, 2014, 2015, 2016

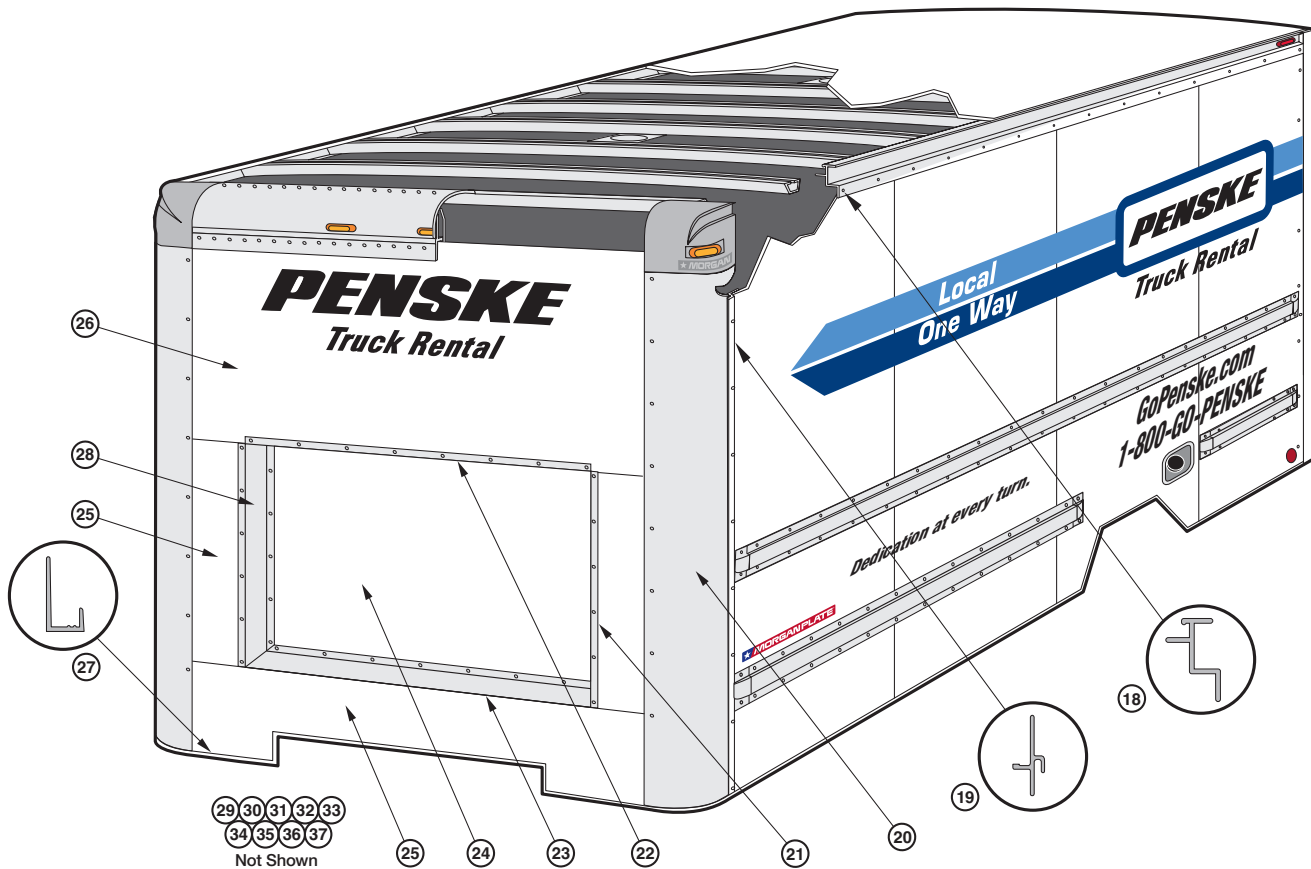
Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	10' Walkramp	1	3000623	3000623	3000623	3000623
2	Walkramp Roller Assembly	1	30037	30037	30037	30037
3	Walkramp Hook	2	07815	07815	07815	07815
4	Anti-Vibration Spring	2	30036	30036	30036	30036
5	Walkramp Latch	1	00493	00493	00493	00493
6	Latch Spring	1	07811	07811	07811	07811
7	Walkramp Handles	2	077036	077036	077036	077036
8	Walkramp Trolley	1	3000304	3000304	3000304	3000304
9	Walkramp Rollers 2.50" Dia.	4	078021	078021	078021	078021





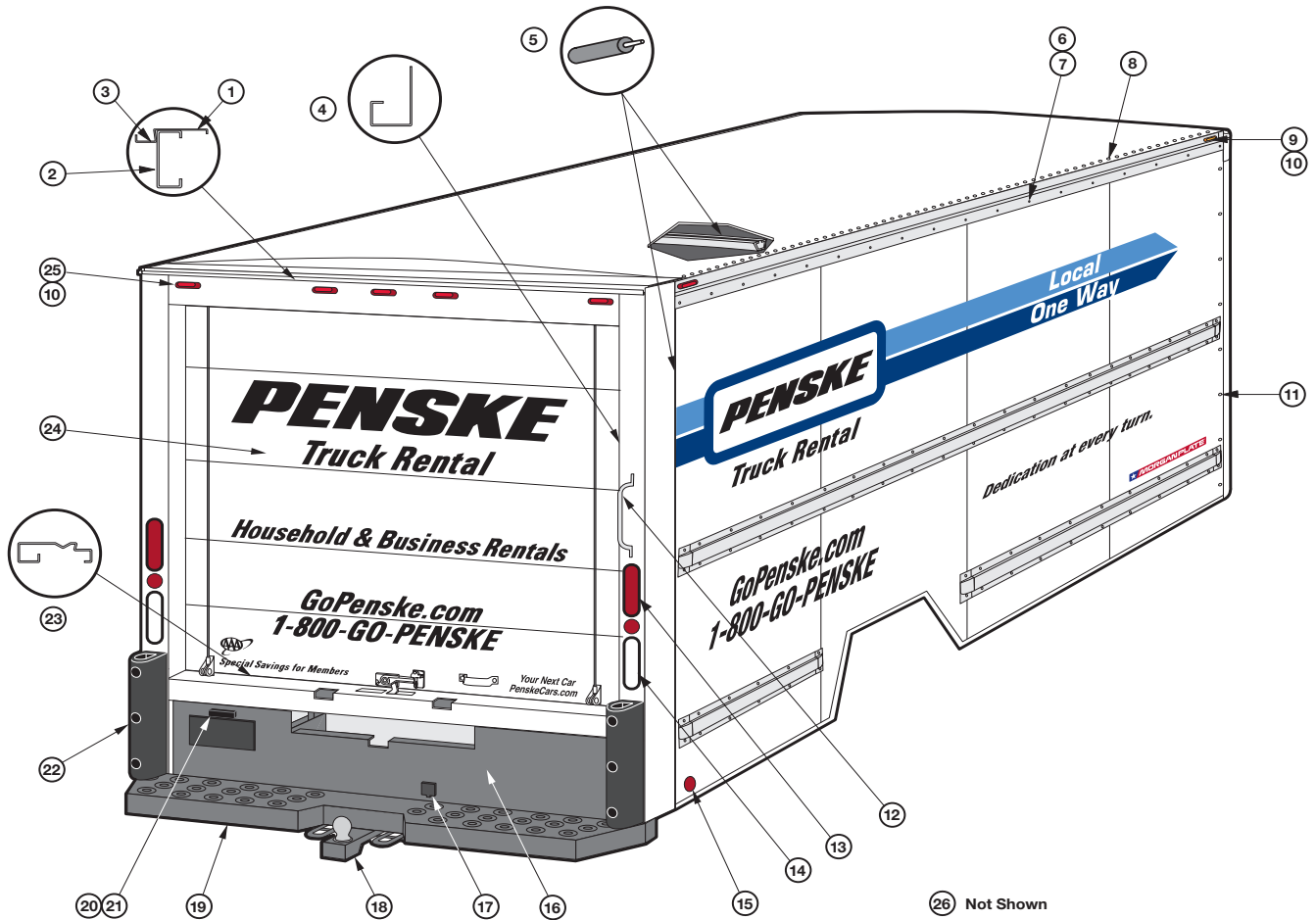
Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	Front Top Radius	1	13500	13500	13500	13500
2	Corner Cap (C/S)	1	6266416	6266416	6266416	6266416
3	Corner Cap (R/S)	1	6266516	6266516	6266516	6266516
4	Front Top Connector	1	001444	001444	001444	001444
5	Cap Closure	1	1040538	1040538	1040538	1040538
6	Front Roof Bow	1	0192403	0192403	0192403	0192403
7	Intermediate Roof Bow	6	0190330	0190330	0190330	0190330
8	Translucent Roof Sheet	As Req'd	0664401	0664401	0664401	0664401
9	J-Molding	2	003951	003951	003951	003951
10	Rear Roof Closure	1	1438206	1438206	1438206	1438206
11	Top Rail Rear Closure	2	143901	143901	143901	143901
12	Steel Plate	2	1170865	1170865	1170865	1170865
13	Morganplate Side Panel White (C/S)	4	06990279	06990279	06990279	06990279
	Morganplate Side Panel White (R/S)	4	06990279	06990279	06990279	06990279
14	Rub Rail - Round	As Req'd	0045597	0045597	0045597	0045597
15	Rub Rail Bolt	As Req'd	051047	051047	051047	051047
16	Rub Rail Nut	As Req'd	0520210	0520210	0520210	0520210
17	Rub Rail End Cap	As Req'd	006972	006972	006972	006972





Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
18	Top Rail	2	000507	000507	000507	000507
19	Connector Post	As Req'd	001481	001481	001481	001481
20	Corner Radius	2	0065363	0065363	0065363	0065363
21	Bulkhead Z (R/S)	1	1035812	1035812	1035812	1035812
22	Bulkhead Z (Top)	1	1035817	1035817	1035817	1035817
23	Bulkhead Angle – Bottom	1	1004425	1004425	1004425	1004425
24	Bulkhead Panel	1	06990279	06990279	06990279	06990279
25	MorganPlate Front Bottom Panel WHT	1	06990279	06990279	06990279	06990279
26	MorganPlate Front Top Panel WHT	1	06990279	06990279	06990279	06990279
27	Panel Edge Cap 96"	As Req'd	003951	003951	003951	003951
28	Bulkhead Z (C/S)	1	1035813	1035813	1035813	1035813
29	Coat Hook	1	078365	078365	078365	078365
30	Lords 406 Adhesive	As Req'd	080478	080478	080478	080478
31	Lords Adhesive Nozzle	As Req'd	080482	080482	080482	080482
32	Single Sided Tape	As Req'd	0803456	0803456	0803456	0803456
33	Applicator Gun	As Req'd	080483	080483	080483	080483
34	Front Wiring Harness	1	041571	041571	041571	041571
35	Main Harness	1	0410184	0410184	0410184	0410184
36	Seal Rubber	As Req'd	076362	076362	076362	076362
37	Seal Butyl	As Req'd	—	—	076364	076364

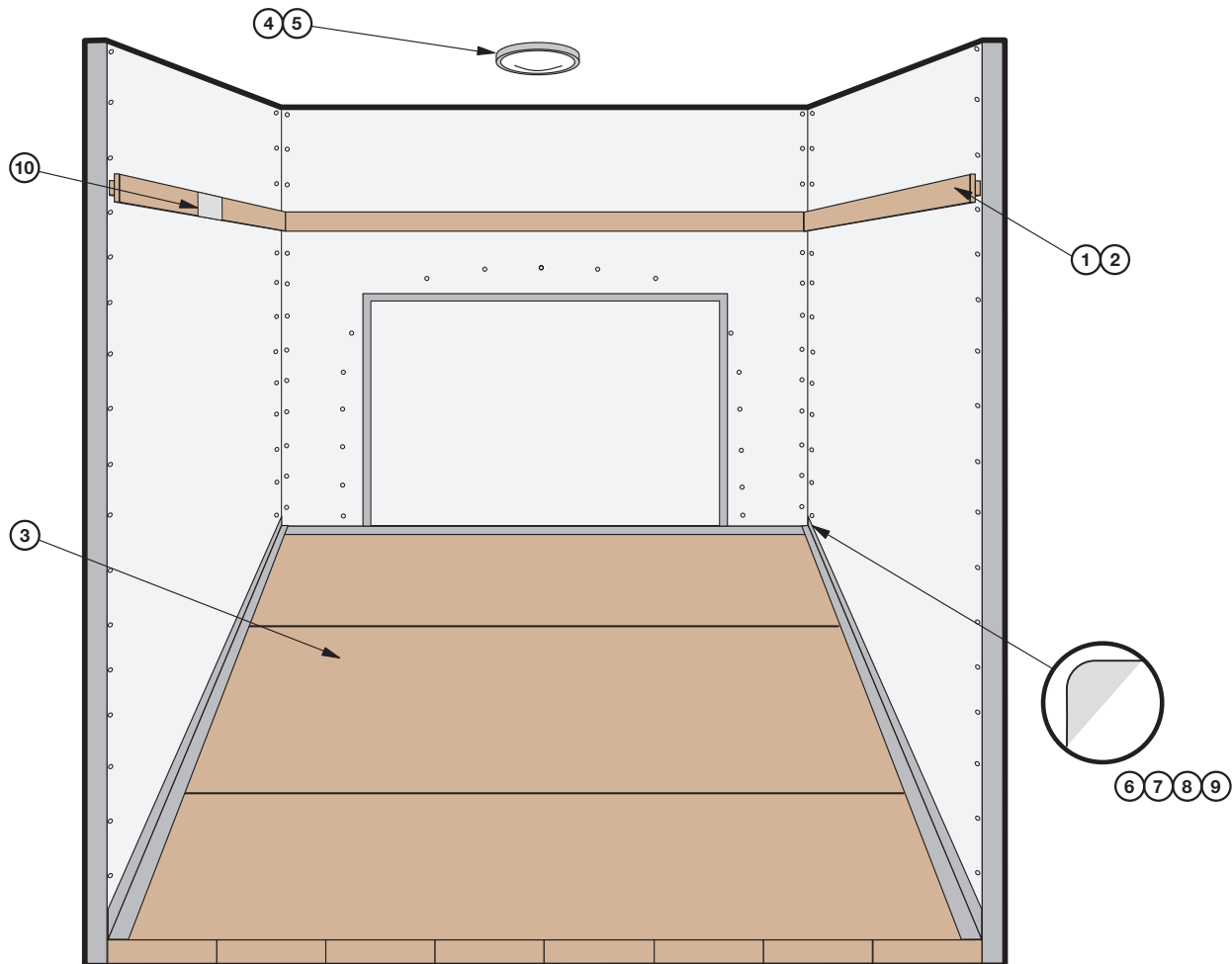




(26) Not Shown

Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	Upper Header	1	112169205	112169205	112169205	112169205
2	Lower Header	1	11218739	11218739	11218739	11218739
3	Removable Drain Trough	1	—	—	112169204	112169204
4	Rear Corner Post (C/S)	1	1198695	1198695	1198695	1198695
	Rear Corner Post (R/S)	1	1198696	1198696	1198696	1198696
5	Manus-Prene Caulk	As Req'd	08017	08017	08017	08017
6	Top Rail Bolt	As Req'd	051047	051047	051047	051047
7	Top Rail Nut	As Req'd	0520210	0520210	0520210	0520210
8	Roof Rivets	As Req'd	05412	05412	05412	05412
9	Clearance Pigtail	As Req'd	041571	041571	041571	041571
10	Clearance Light	2	46001290	46001290	46001290	46001290
11	Monobolt Rivets	As Req'd	055053	055053	055053	055053
12	Grab Handle	1	087919	087919	087919	087919
13	Tail Light - Red	2	0402783	0402783	0402783	0402783
14	Backup - Clear	2	0402780	0402780	0402780	0402780
15	Reflector - Red	4	040645	040645	040645	040645
16	Rear Closure Plate	1	1167435	1167435	1167435	1167435
17	4-Way Plug Adaptor	1	043962	043962	043962	043962
18	Hitch	1	HIT2107	HIT2107	HIT2107	HIT2107
19	Bumper	1	1036225	1036225	1036225	1036225
20	License Plate Light	1	040385	040385	040380	040380
21	License Plate Light Bracket	1	46002422	46002422	—	—
22	Rubber Dock Bumper	2	076267	076267	076267	076267
23	Rear End Plate	1	10766185	10766185	107661851	107661852
24	Overhead Door	1	call with ser #	call with ser #	call with ser #	call with ser #
25	Clearance Light - Red	7	46001290	46001290	46001291	46001291
26	Rear Harness	1	041836	041836	041836	041836

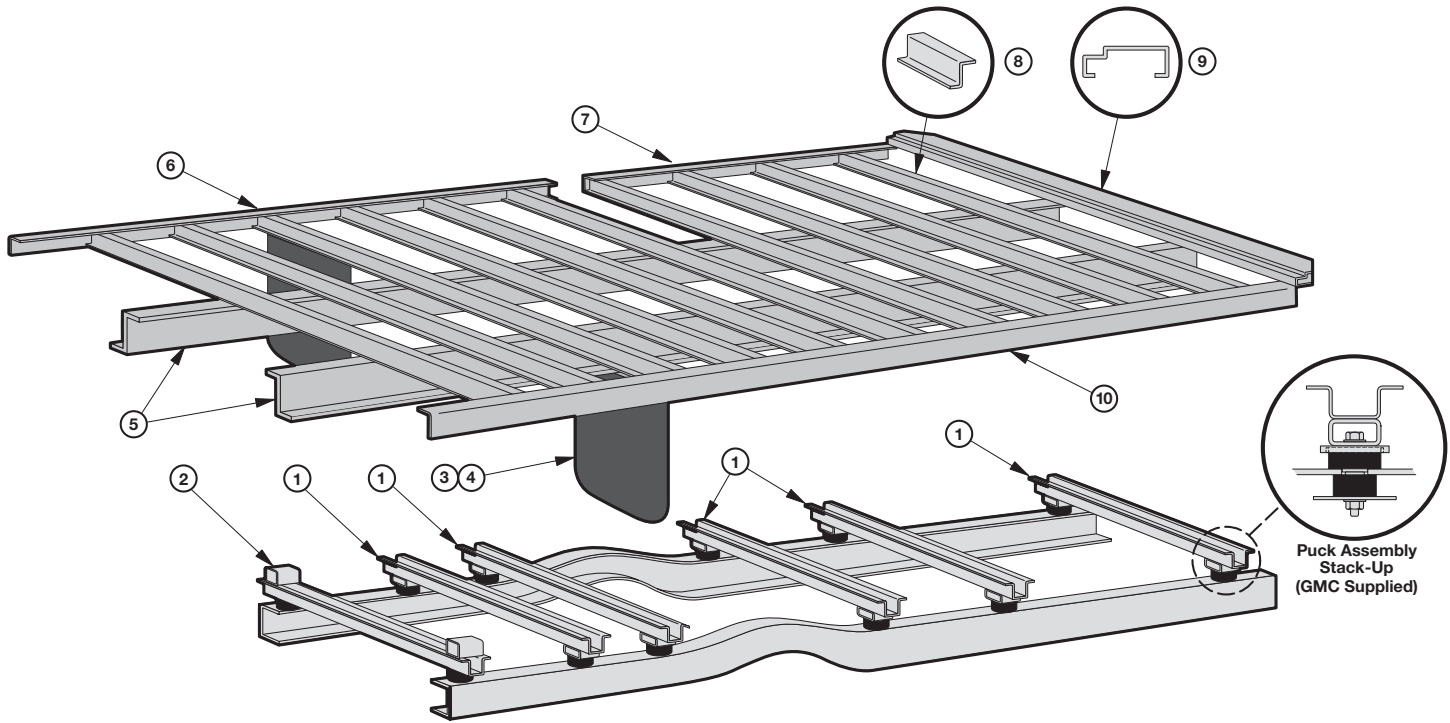




FRP/PVFD/PVMD Parcel Van Interior Options

Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	Wood Slat	As Req'd	0219863	0219863	0219863	0219863
2	Wood Slat Spacer	As Req'd	07682	07682	07682	07682
3	Plywood Flooring	As Req'd	0215499	0215499	0215499	0215499
4	Dome Light	1	040542	040542	040542	040542
5	Dome Light Bracket	1	102938	102938	102938	102938
6	Adhesive, Lords 403	As Req'd	080478	080478	080478	080478
7	Corner Closure CS	1	106579	106579	106579	106579
8	Corner Closure RS	1	1065791	1065791	1065791	1065791
9	Seal Rubber Trim Lock Floor	As Req'd	07634	07634	07634	07634
10	Splice Plate for Tie Slat	As Req'd	106752	106752	106752	106752

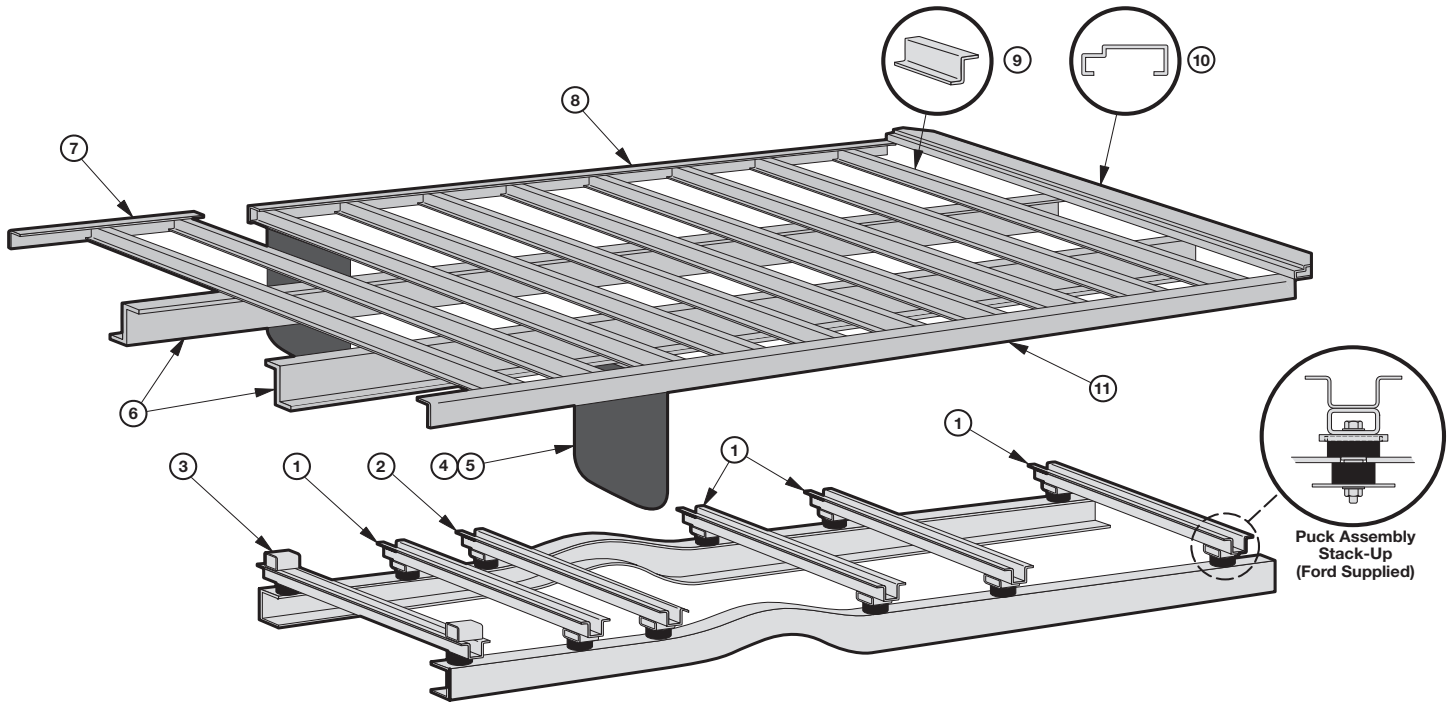




**16'-6" Parcel Van Subframe
2013, 2014, 2015 & 2016 GMC Chassis**

Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	Crossmember Assembly	5	124841081	124841081	124841081	124841081
2	Crossmember Assembly Rear	1	124841082	124841082	124841082	124841082
3	Mud Flap Bracket	2	102933	102933	102933	102933
4	Mud Flap	2	077444	077444	077444	077444
5	Z Steel Longrail	2	019423097	019423097	019423097	019423097
6	Rear Sole Angle (R/S)	1	019789	019789	019789	019789
7	Front Sole Angle (R/S)	1	019787	019787	019787	019787
8	Z Crossmember	11	1285780	1285780	1285780	1285780
9	Front Endplate	1	1285282	1285282	1285282	1285282
10	Sole Angle (C/S)	1	019788	019788	019788	019788

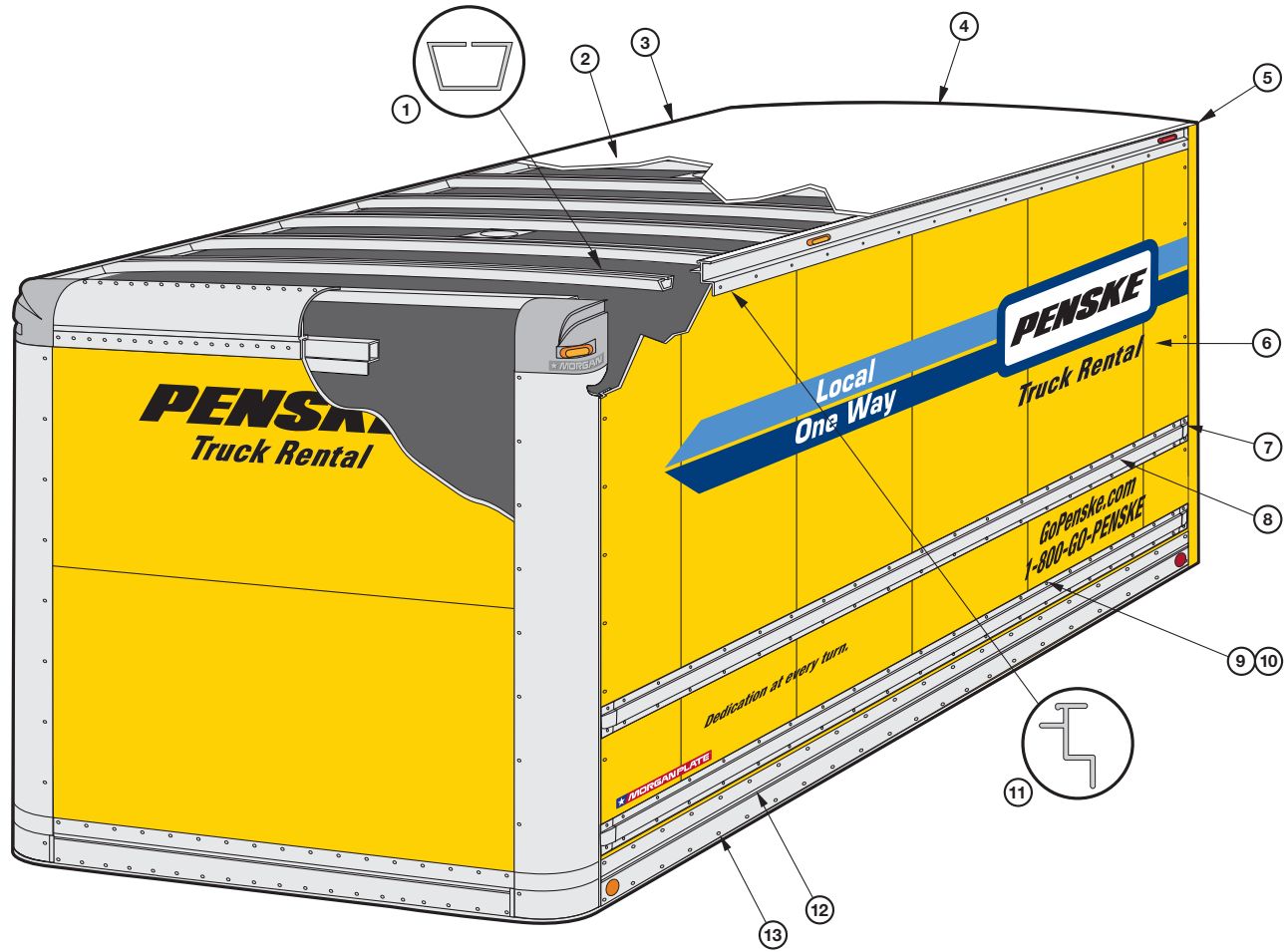




16'-6" Parcel Van Subframe
2013, 2014, 2015 & 2016 Ford Chassis

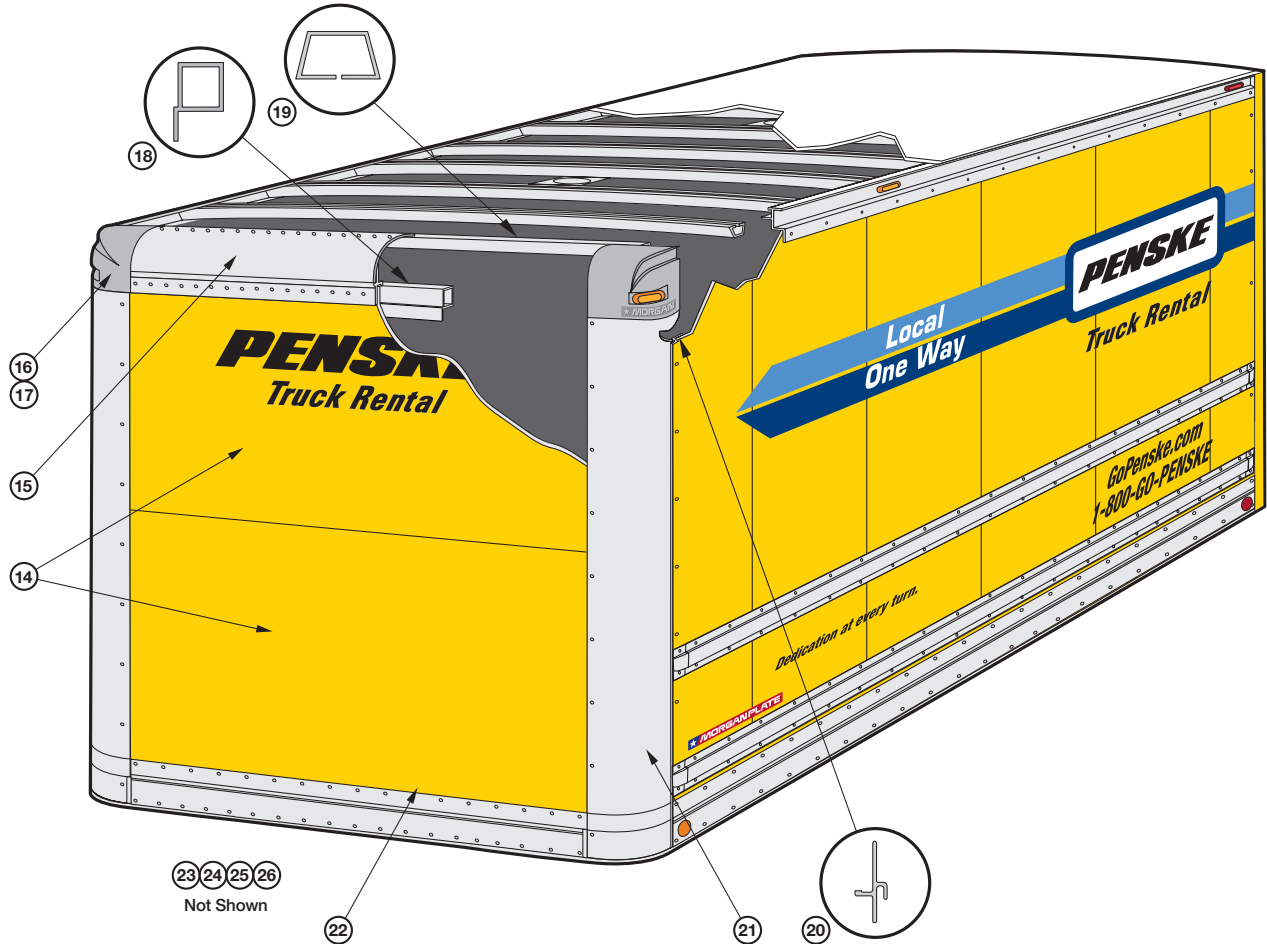
Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	Crossmember Assembly 1	4	124841081	124841081	124841081	124841081
2	Crossmember Assembly 2	1	124841082	124841082	124841082	124841091
3	Crossmember Assembly Rear	1	124841091	124841091	124841091	124841082
4	Mud Flap Bracket	2	102933	102933	102933	102933
5	Mud Flap	2	077444	077444	077444	077444
6	Z Steel Longrail	2	019423097	019423097	019423097	019423097
7	Rear Sole Angle (R/S)	1	019790	019790	019790	019790
8	Front Sole Angle (R/S)	1	019791	019791	019791	019791
9	Z Crossmember	11	1285780	1285780	1285780	1285780
10	Front Endplate	1	1285282	1285282	1285282	1285282
11	Sole Angle (C/S)	1	019788	019788	019788	019788





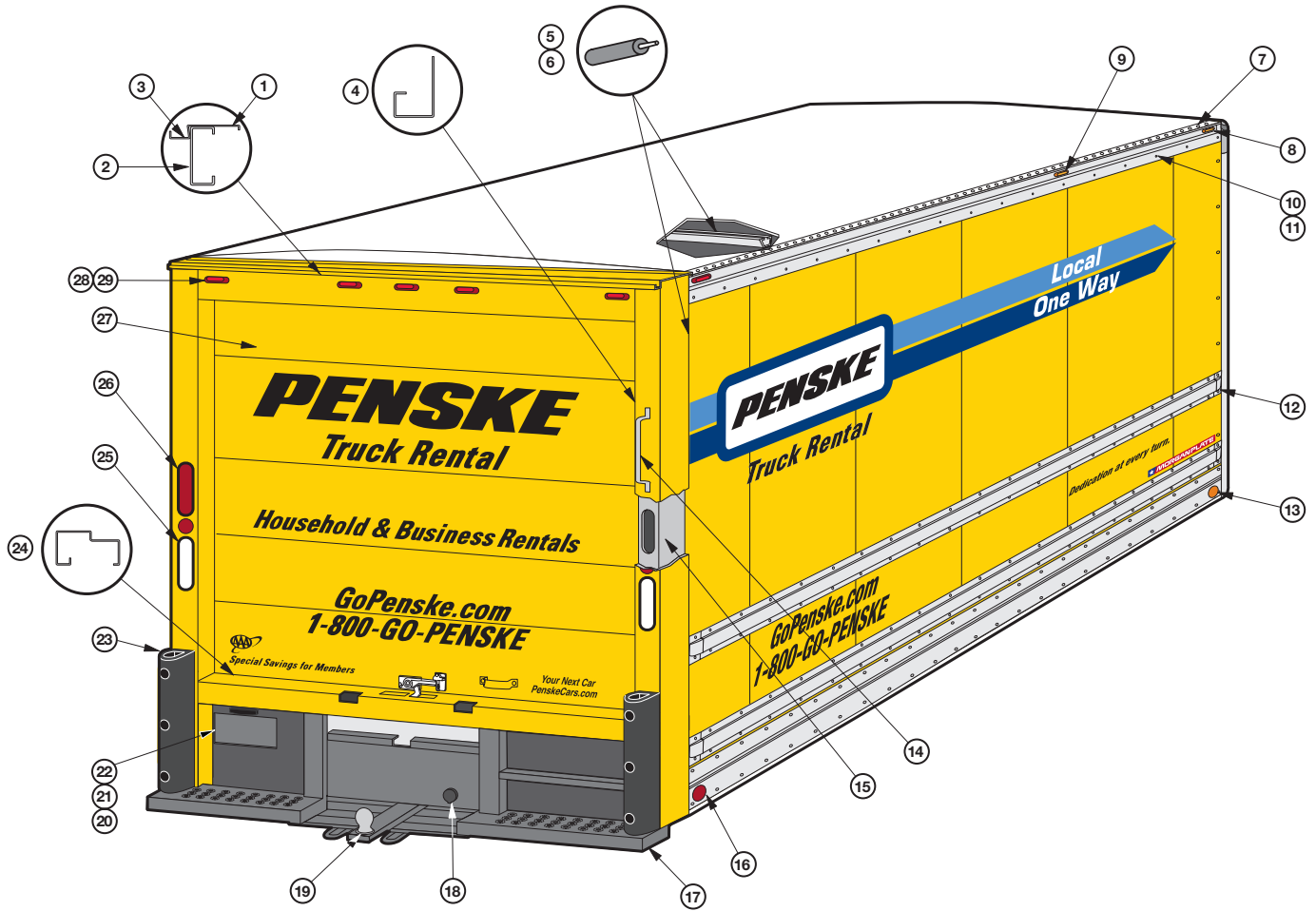
Item No	Part Description	Quantity	2013 (103H) Part No. 2013	2014 (97) Part No. 2014	2015 (97H) Part No. 2015	2016 (97) Part No. 2016
1	Intermediate Roof Bow	As Req'd	0190340	0190340	0190340	0190340
2	Translucent Roof Sheet	As Req'd	0664401	0664401	0664401	0664401
3	J-Molding	As Req'd	003951	003951	003951	003951
4	Rear Roof Closure	1	143821	143821	143821	143821
5	Top Rail Rear Closure	1	143901	143901	143901	143901
6	MorganPlate Panel	7	06990278	06990278	06990278	06990278
7	Rub Rail End Cap	As Req'd	006972	006972	006972	006972
8	Rub Rail	As Req'd	004558	004558	004558	004558
9	Rub Rail Bolt	As Req'd	051047	051047	051047	051047
10	Rub Rail Nut	As Req'd	0520210	0520210	0520210	0520210
11	Top Rail	2	00033901	00033901	00033901	00033901
12	Bottom Rail	2	14038205	14038205	14038205	14038205
13	Monobolts	As Req'd	055053	055053	055053	055053





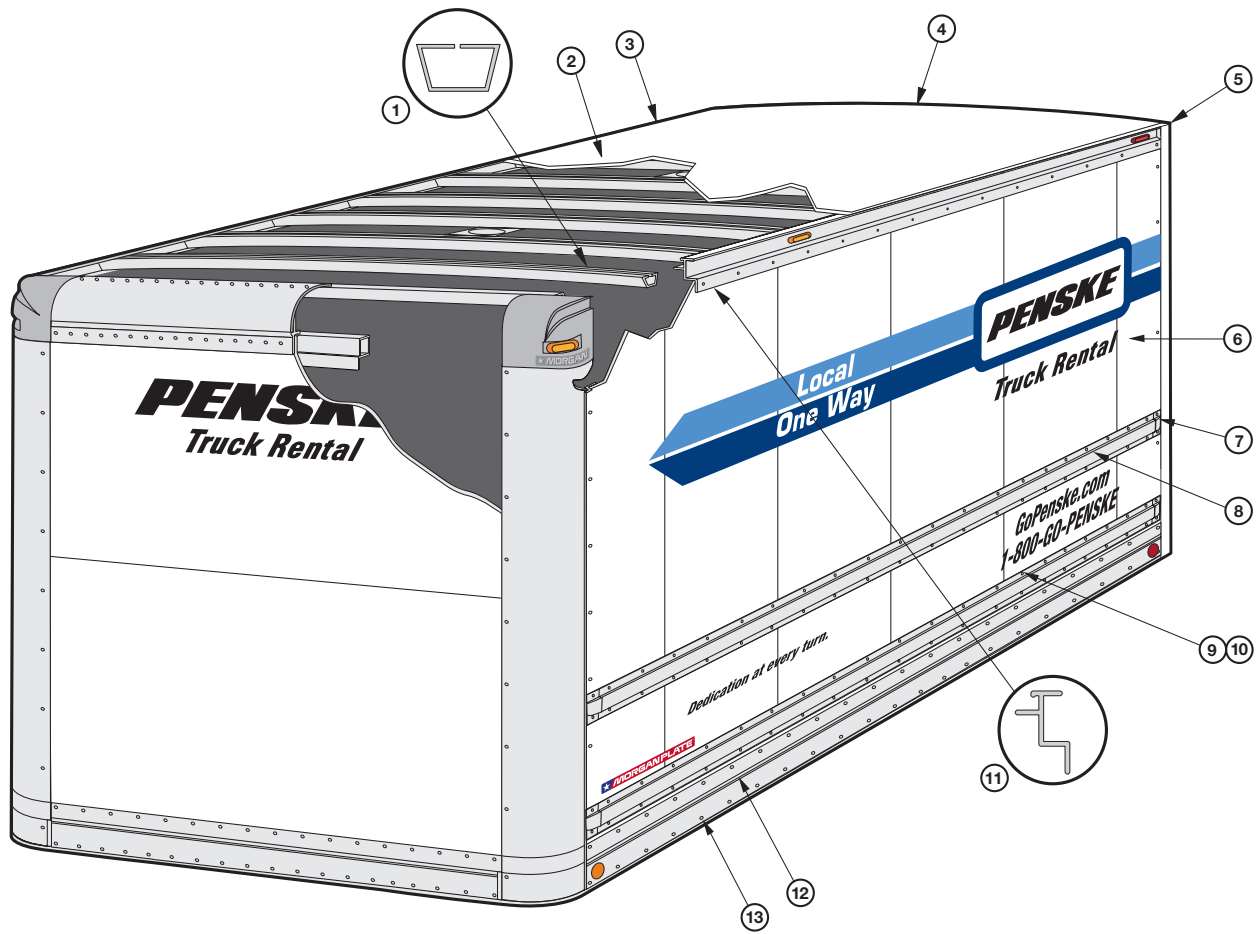
Item No	Part Description	Quantity	2013 (103H) Part No. 2013	2014 (97) Part No. 2014	2015 (97H) Part No. 2015	2016 (97) Part No. 2016
14	MorganPlate Panel	1	06990278	06990278	06990278	06990278
15	Front Top Radius	1	13502	13502	13502	13502
16	Corner Cap (C/S)	1	6266416	6266416	6266416	6266416
17	Corner Cap (R/S)	1	6266516	6266516	6266516	6266516
18	Front Top Connector	1	1623007	1623007	1623007	1623007
19	Front Roof Bow	1	0192404	0192404	0192404	0192404
20	Connector Post	As Req'd	001481	001481	001481	001481
21	Corner Radius	2	00660	00660	00660	00660
22	Front Bottom Rail	1	1410163	1410163	1410163	1410163
23	Lords 406 Adhesive	As Req'd	080478	080478	080478	080478
24	Lords Applicator Nozzle	As Req'd	080482	080482	080482	080482
25	Single Sided Tape	As Req'd	0803456	0803456	0803456	0803456
26	Applicator Gun	As Req'd	080483	080483	080483	080483





Item No	Part Description	Quantity	2013 (103H) Part No. 2013	2014 (97) Part No. 2014	2015 (97H) Part No. 2015	2016 (97) Part No. 2016
1	Upper Header	1	1121823	112169206	112169206	112169206
2	Lower Header	1	1121874	11218745	11218745	11218745
3	Removable Drain Trough	1	—	112169207	112169207	112169207
4	Rear Corner Post (C/S)	1	1198654	1198672	1198672	1198672
	Rear Corner Post (R/S)	1	11986540	1198673	1198673	1198673
	Rear Universal Corner Post	1	1198653	1198653	1198653	1198653
5	Manus-Prene Caulk	As Req'd	08017	08017	08017	08017
6	Roof Rivets	As Req'd	05412	05412	05412	05412
7	Clearance Light	2	46001286	46001290	46001290	46001290
8	Clearance Light	2	46001285	46001920	46001920	46001920
9	Top Rail Bolt	As Req'd	051047	051047	051047	051047
10	Top Rail Nut	As Req'd	0520210	0520210	0520210	0520210
11	Monobolts	As Req'd	055053	055053	055053	055053
12	Reflector - Yellow	4	040646	040646	040646	040646
13	Grab Handle	1	087919	087919	087919	087919
14	Post Reinforcement	2	10471822	10471822	10471822	10471822
15	Reflector - Red	4	040645	040645	040645	040645
16	Bumper	1	Liftgate	See Page 32	See Page 32	See Page 32
17	4-Way Plug Adaptor	1	043962	043962	043962	043962
18	Hitch Assembly	1	Liftgate	See Page 32	See Page 32	See Page 32
19	License Plate Light/Kit	1	040385	040380	040380	040380
20	License Light Base	1	46002422	—	—	—
21	License Plate Bracket	1	1158366	—	—	—
22	Rubber Dock Bumper	2	076267	076267	076267	076267
23	Rear End Plate	1	10766034	107661492	107661492	107663100
24	Backup Light - Clear	2	0402780	0402780	0402780	0402780
25	Tail Light - Red	2	0402783	0402783	0402783	0402783
26	Overhead Door	1	call with ser #	call with ser #	call with ser #	call with ser #
27	Clearance Light	7	46001284	46001290	46001290	46001290
28	Clearance Light Pigtail	As Req'd	041328	—	—	—

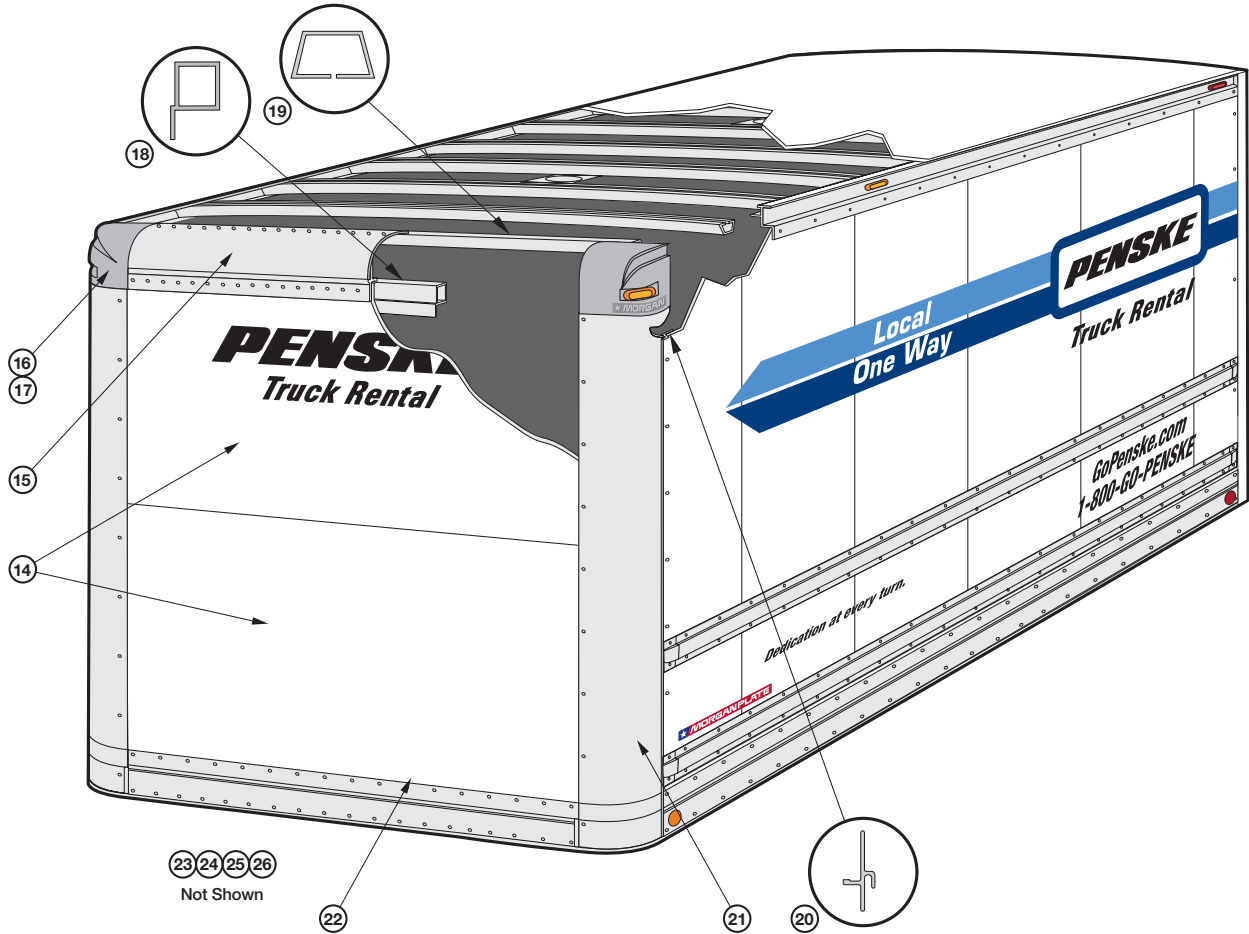




Item No	Part Description	Quantity	2013 (103H) Part No. 2013	2014 (103H) Part No. 2014	2015 (97H) Part No. 2015	2016 (97) Part No. 2016
1	Intermediate Roof Bow	As Req'd	0190340	0190340	0190340	N/A
2	Translucent Roof Sheet	As Req'd	0664401	0664401	0664401	
3	J-Molding	As Req'd	003951	003951	003951	
4	Rear Roof Closure	1	143821	143821	143821	
5	Top Rail Rear Closure	1	143901	143901	143901	
6	MorganPlate Panel	7	06990278	06990279	06990279	
7	Rub Rail End Cap	As Req'd	006972	006972	006972	
8	Rub Rail	As Req'd	0045597	0045597	0045597	
9	Rub Rail Bolt	As Req'd	051047	051047	051047	
10	Rub Rail Nut	As Req'd	0520210	0520210	0520210	
11	Top Rail	2	00033901	00033901	00033901	
12	Bottom Rail	2	14038205	14038205	14038205	
13	Monobolt Rivets	As Req'd	055053	055053	055053	

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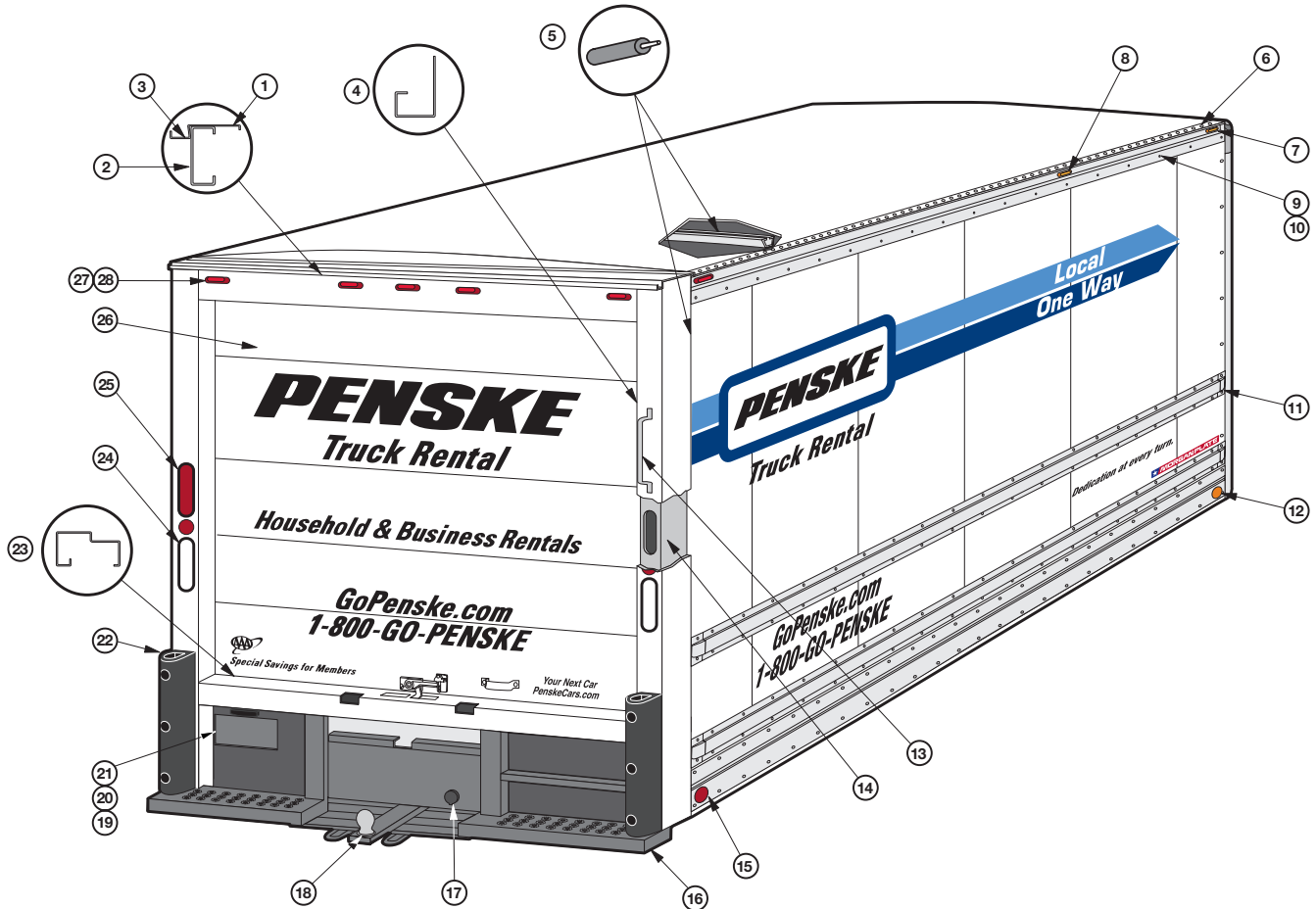




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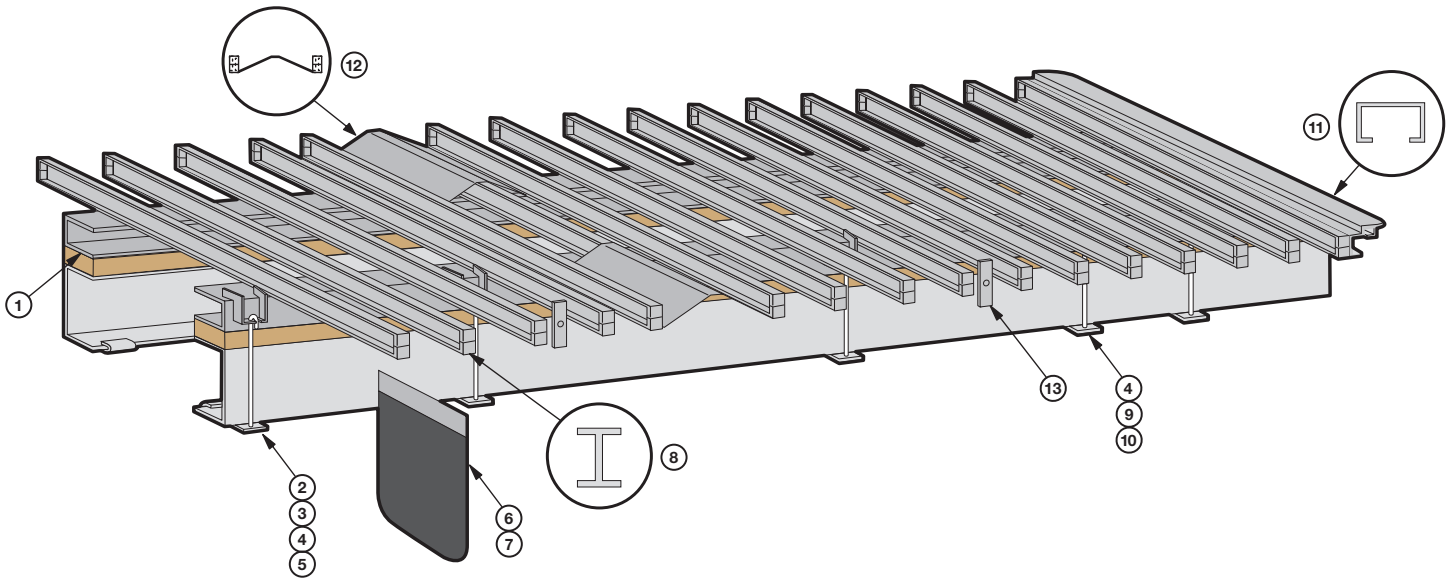
Item No	Part Description	Quantity	2013 (103H) Part No. 2013	2014 (103H) Part No. 2014	2015 (97H) Part No. 2015	2016 (97) Part No. 2016
14	MorganPlate Panel	1	06990278	06990279	06990279	N/A
15	Front Top Radius	1	13502	13502	13502	
16	Corner Cap (C/S)	1	6266416	6266416	6266416	
17	Corner Cap (R/S)	1	6266516	6266516	6266516	
18	Front Top Connector	1	1623007	1623007	1623007	
19	Front Roof Bow	1	0192404	0192404	0192404	
20	Connector Post	As Req'd	001481	001481	001481	
21	Corner Radius	2	00660	00660	00660	
22	Front Bottom Rail	1	1410163	1410163	1410163	
23	Lords 406 Adhesive	As Req'd	080478	080478	080478	
24	Lords Applicator Nozzle	As Req'd	080482	080482	080482	
25	Single Sided Tape	As Req'd	0803456	0803456	0803456	
26	Applicator Gun	As Req'd	080483	080483	080483	





Item No	Part Description	Quantity	2013 (103H) Part No. 2013	2014 (103H) Part No. 2014	2015 (97H) Part No. 2015	2016 (97) Part No. 2016
1	Upper Header	1	1121823	112169206	112169206	N/A
2	Lower Header	1	1121874	11218745	11218745	
3	Removable Drain Trough	1	—	112169207	112169207	
4	Rear Corner Post (C/S)	1	1198654	11986722	1198672	
	Rear Corner Post (R/S)	1	11986540	11986732	1198673	
	Rear Universal Corner Post	1	11986540	11986732	1198673	
5	Manus-Prene Caulk	As Req'd	08017	08017	08017	
6	Roof Rivets	As Req'd	05412	05412	05412	
7	Clearance Light	2	46001286	46001290	46001290	
8	Clearance Light	2	46001285	46001920	46001920	
9	Top Rail Bolt	As Req'd	051047	051047	051047	
10	Top Rail Nut	As Req'd	0520210	0520210	0520210	
11	Monobolts	As Req'd	055053	055053	055053	
12	Reflector – Yellow	4	040646	040646	040646	
13	Grab Handle	1	087919	087919	087919	
14	Post Reinforcement	2	10471822	10471822	10471822	
15	Reflector – Red	4	040645	040645	040645	
16	Bumper	1	Liftgate	Liftgate	See Page 32	
17	4-Way Plug Adaptor	1	043962	043962	043962	
18	Hitch Assembly	1	Liftgate	Liftgate	See Page 32	
19	License Plate Light/Kit	1	040385	040380	040380	
20	License Light Base	1	46002422	—	—	
21	License Plate Bracket	1	1158366	—	—	
22	Rubber Dock Bumper	2	076267	076267	076267	
23	Rear End Plate	1	10766034	107661492	107661492	
24	Backup Light – Clear	2	0402780	0402780	0402780	
25	Tail Light – Red	2	0402783	0402783	0402783	
26	Overhead Door	1	call with ser #	call with ser #	call with ser #	
27	Clearance Light	7	46001284	46001290	46001290	
28	Clearance Light Pigtail	As Req'd	041328	—	—	

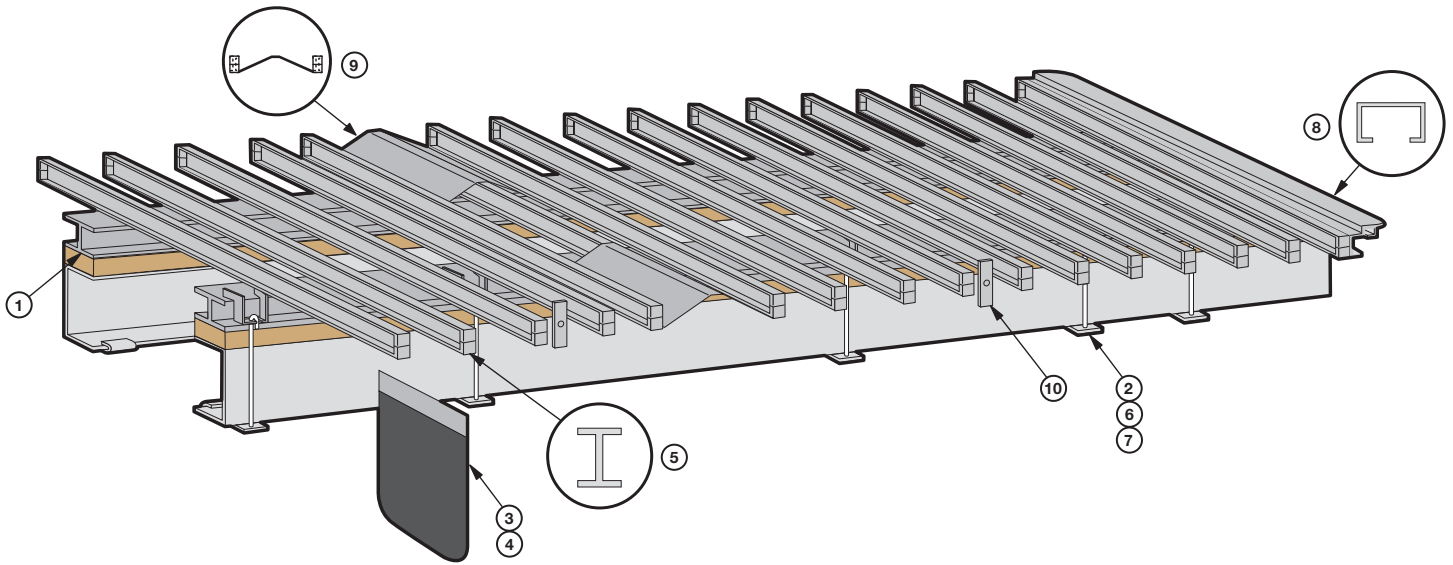




GVMD Subframe with Bumper & Hitch

Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	4" Long Rail Channel	2	0194417	0194414	0194414	—
	4" Long Rail I-Beam	2	—	—	—	010259
2	J-Bolt (5/8")	6	056602	05651501	05651501	05651501
3	J-Bolt Clip	6	0564001	0564001	0564001	0564001
4	Lock Nut	As Req'd	052232	052232	052232	052232
5	J-Bolt Top Mounting Bracket	As Req'd	056602	056602	056602	103267
6	Mudflap Bracket	As Req'd	102937	102937	102937	102937
7	Mudflap	As Req'd	077381	077381	077381	077381
8	Crossmember	As Req'd	010025	010025	010025	010025
9	U-Bolt	As Req'd	0560401	0560401	0560401	0560401
10	U-Bolt Tie Plate	As Req'd	101427	101427	101427	101427
11	Front Endplate	1	1075910	1075911	1075911	1075911
12	Wheelpan	2	128316	128316	128316	128316
13	Anti-Movement Channel	As Req'd	—	—	105827820	105827820

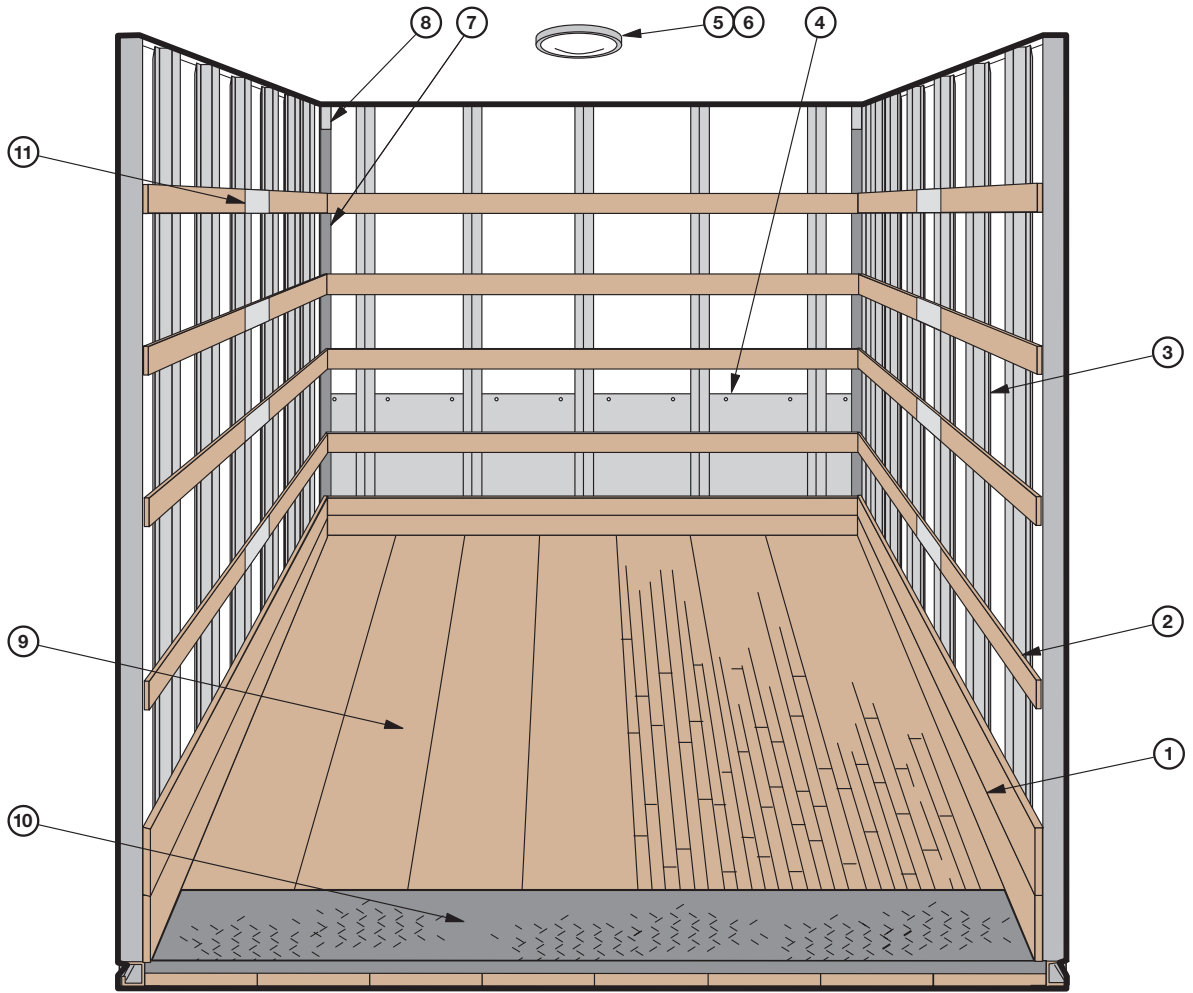




GVMD Subframe with Lift Gate

Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	4" Long Rail I-Beam	2	0102571	0102571	N/A	N/A
2	Lock Nut	As Req'd	052232	052232		
3	Mudflap Bracket	As Req'd	102937	102937		
4	Mudflap	As Req'd	077381	077381		
5	Crossmember	As Req'd	010025	010025		
6	U-Bolt	As Req'd	0560401	0560401		
7	U-Bolt Tie Plate	As Req'd	101427	101427		
8	Front Endplate	1	1075911	1075911		
9	Wheelpan	2	128316	128316		
10	Anti-Movement Channel	As Req'd			105827820	105827820

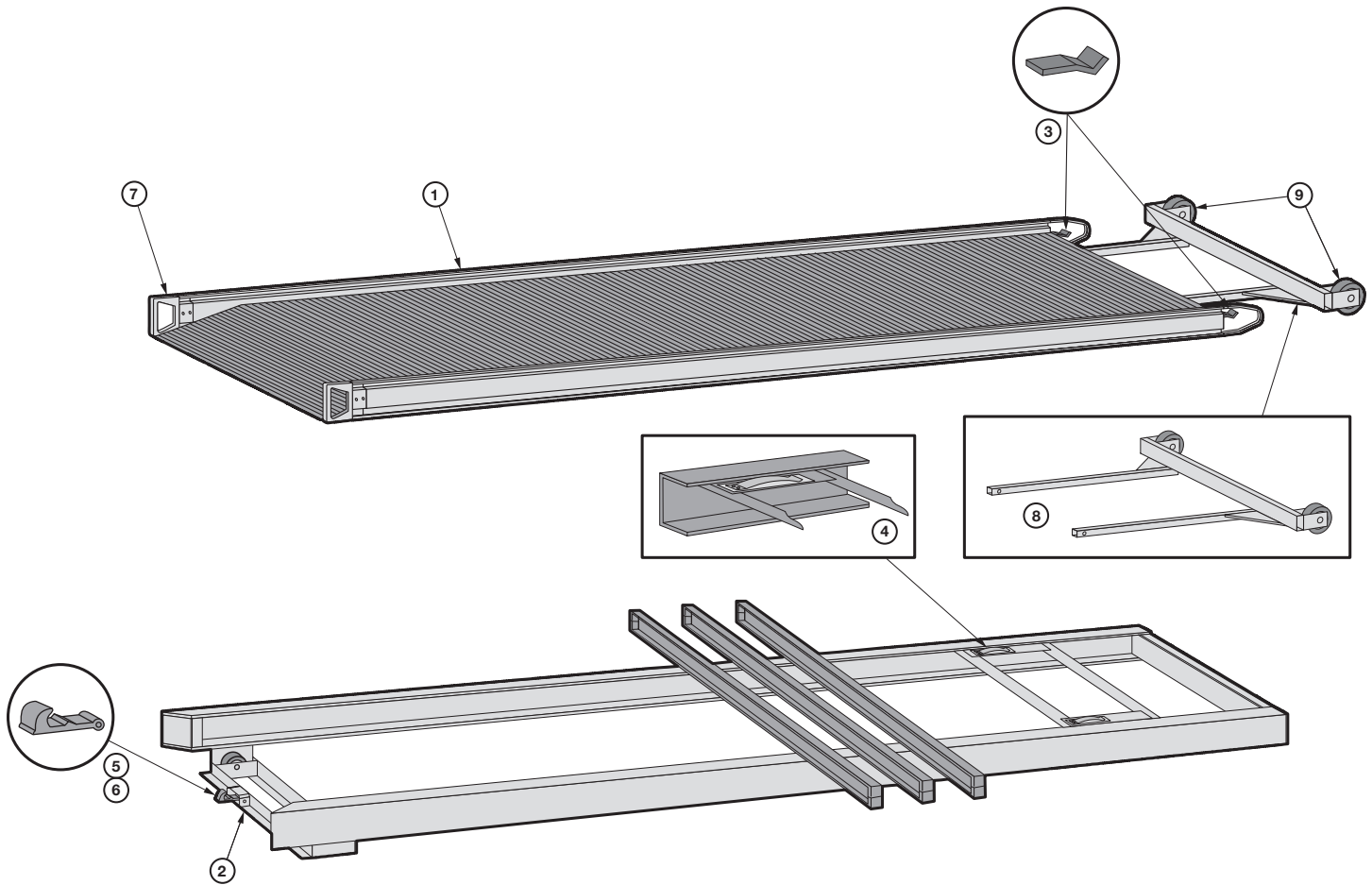




GVMD Dry Freight Interior

Item No	Part Description	Quantity	2013	2014	2015	2016
			Part No. 2013	Part No. 2014	Part No. 2015	Part No. 2016
1	Scuff Plate	As Req'd	0219825	0219825	0219825	0219825
2	Wood Slat 2.75" Wide	As Req'd	0219865	0219865	0219865	0219865
3	Galvanized Z Post	As Req'd	01913063	01913063	01913063	01913063
4	Front Reinforcement	1	12218031	12218031	12218031	12218031
5	Dome Light	As Req'd	040542	040542	040542	040542
6	Dome Light Bracket	As Req'd	102938	102938	102938	102938
7	Front Corner Cover	2	066191	066191	—	—
8	Corner Reinforcement	2	12325	12325	12325	12325
9	Laminated Flooring Kit	As Req'd	0200706	0200706	0200706	0200706
10	Threshold	1	126227048	126227048	126227048	126227048
11	Wood Slat Splice Plate (Optional)	As Req'd	106752	106752	106752	106752

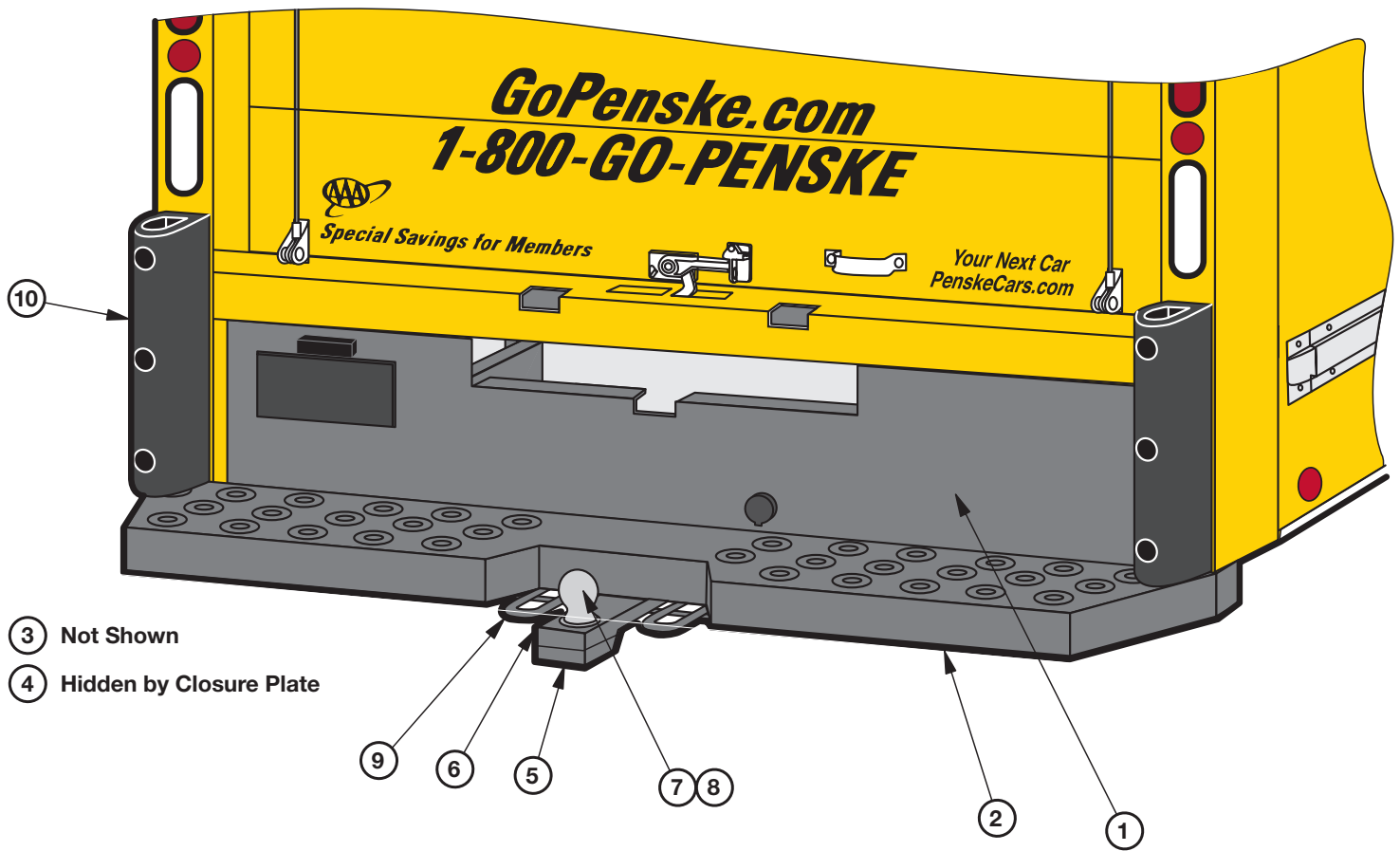




GVMD Dry Freight Walkramp

Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	14' Walkramp	1	N/A	3000624	3000624	3000624
2	Walkramp Roller Assembly	1		30037	30037	30037
3	Walkramp Hook	2		07815	07815	07815
4	Anti-Vibration Spring	2		30036	30036	30036
5	Walkramp Latch	1		00493	00493	00493
6	Latch Spring	1		07811	07811	07811
7	Walkramp Handles	2		077036	077036	077036
8	Walkramp Trolley	1		3000304	3000304	3000304
9	Walkramp Rollers 2.50" Dia.	4		078021	078021	078021



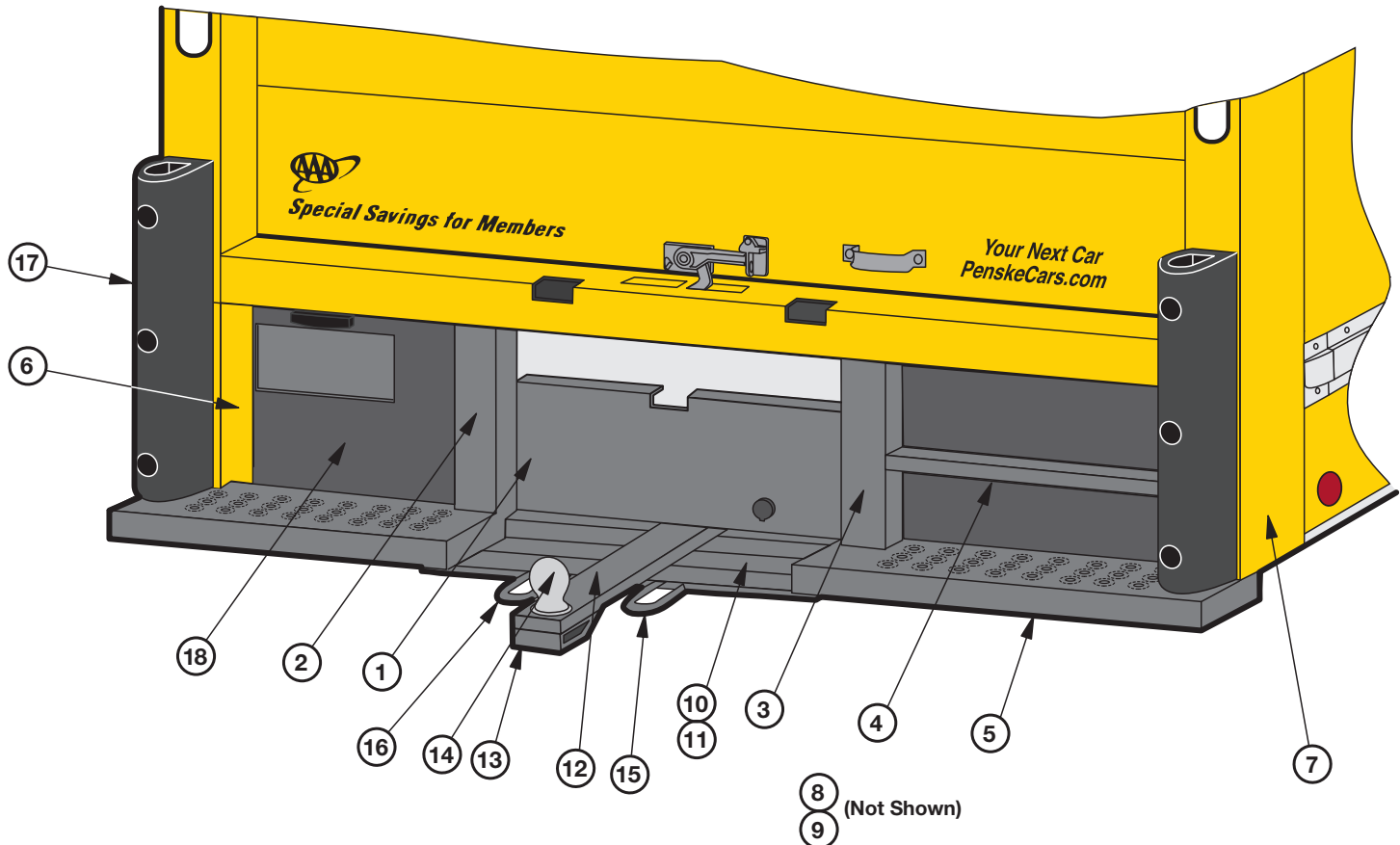


- ③ Not Shown
- ④ Hidden by Closure Plate

PVMD Parcel Van Bumper and Hitch Assembly

Item No	Part Description	Quantity	Year			
			2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	Walkramp Closure	1	1167433	1167435	1167435	1167435
2	Step Bumper	1	1036225	1036255	1036225	1036225
3	Pipe Brace - Outer GMC Alpha - HIT2104 Ford Alpha - HIT2107	2	1025520	1025520	1025520	1025520
4	Hitch Upright (GMC)	4	10503	10503	10503	10503
	Hitch Upright (Ford)	4	105300	105300	105300	105300
5	Channel Steel 45.25"	2	105961	105961	105961	105961
6	Bar Steel 22.5"	1	102501	102501	102501	102501
7	Hitch Ball Cover	1	106916	106916	106916	106916
8	Hitch Ball	1	078942	078942	078942	078942
9	Safety Chain Plate	1	117587	117587	117587	117587
10	Rubber Dock Bumper	2	076267	076267	076267	076267

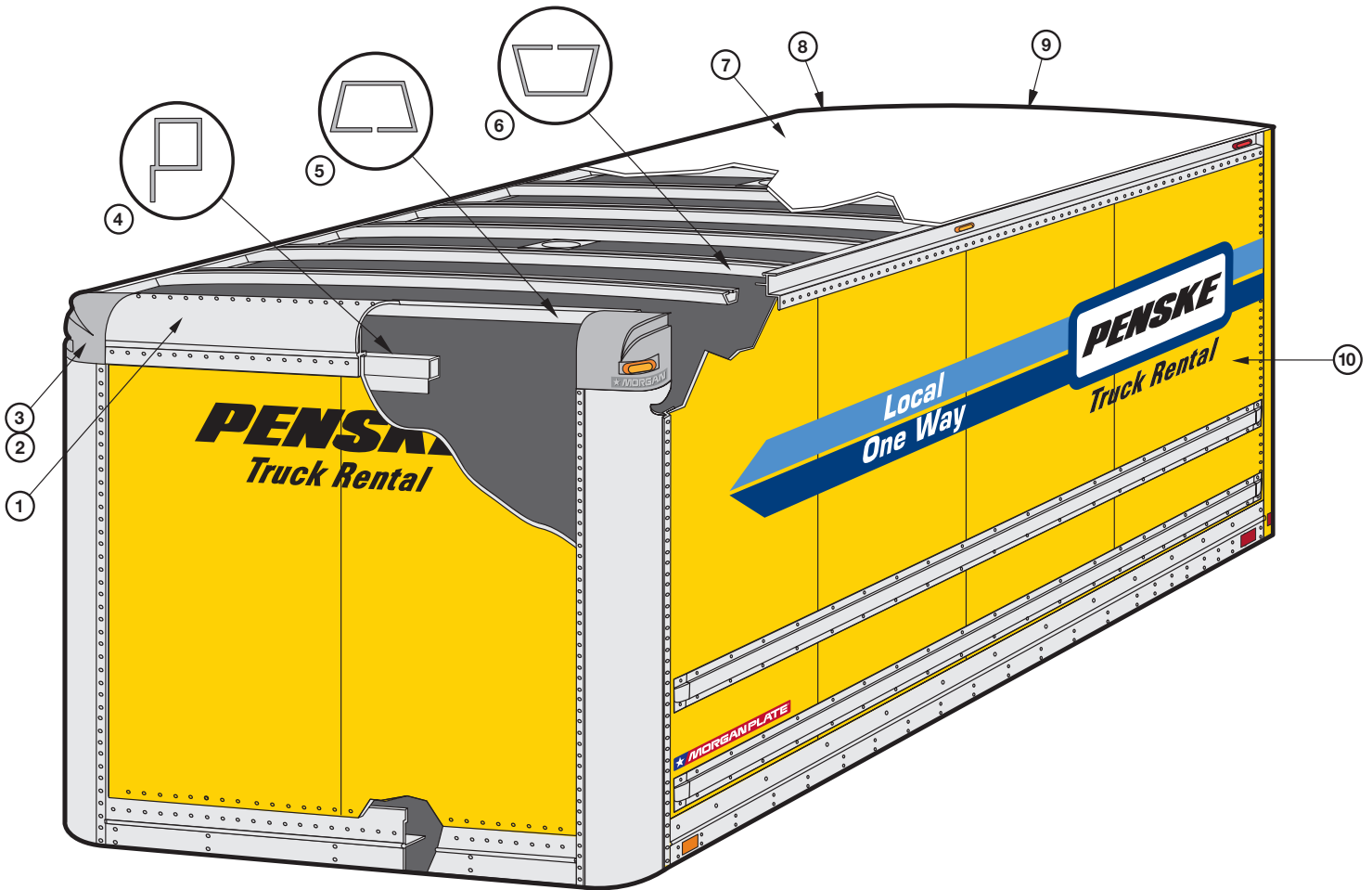




GVMD Bumper and Hitch Assembly

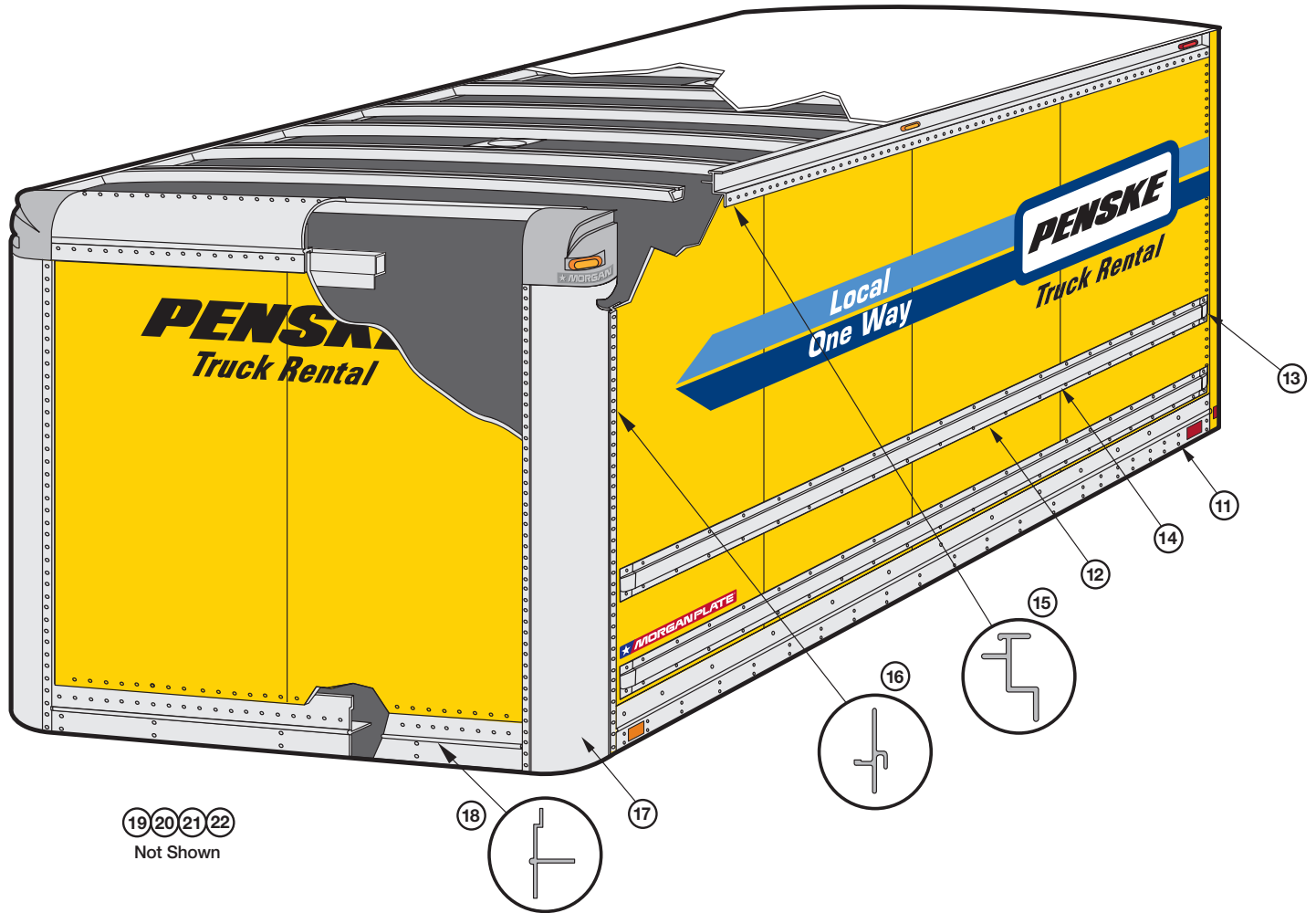
Item No	Part Description	Quantity	2013	2013	2014	2015	2016
			BS21070 16" High	BS21071 21" High	Part No. 2014	Part No. 2015	Part No. 2016
1	Walkramp Closure	1	10139818	10139819	101398191	101398191	101398191
2	Upright (R/S Inside)	1	105773	105774	1057742	1057742	1057744
3	Upright (C/S Inside)	1	1057730	1057740	1057741	1057741	1057743
4	Bustin Step	1	1244703	1244703	12447031	12447031	12447031
5	Step Bumper	2	0165370	0165370	1036255/BS21073	1036255/BS21073	1036256/BS21074
6	Upright (R/S Outside)	1	1057698	1057699	10576991/BS21073	10576991/BS21073	10576991/BS21074
7	Upright (C/S Outside)	1	10576980	10576990	10576992/BS21073	10576992/BS21073	10576992/BS21074
8	Pipe Brace w/Angle	4	102573	102573	102573	102573	102573
9	Pipe Brace - Outer	4	102574	102574	102574	102574	102574
10	Channel Steel 20"	4	1059824	1059824	1059824	1059824	1059824
11	Channel Steel 37.5"	2	10580	10580	10580	10580	10580
12	Bar Steel 22.5"	1	10206040	10206040	10206040	10206040	10206040
13	Hitch Ball Cover	1	106916	106916	106916	106916	106916
14	Hitch Ball	1	078942	078942	078942	078942	078942
15	Chain Plate (C/S)	1	117916	117916	117596	117596	117596
16	Chain Plate (R/S)	1	1175960	1175960	1175960	1175960	1175960
17	Rubber Dock Bumper	2	076260	076267	076267	076267	076267
18	Closure Plate	2	066082	066083	066085	066085	066085





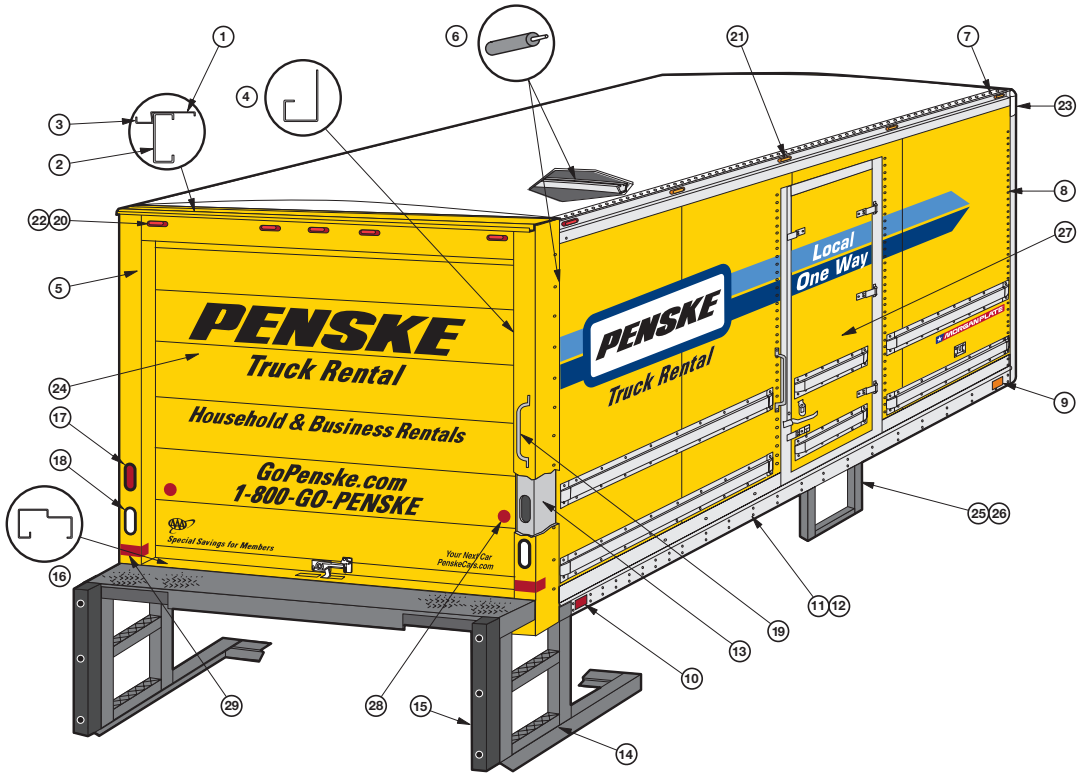
Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	Front Top Radius	1	13502	13502	13502	13502
2	Corner Cap C/S	1	6266416	6266416	6266416	6266416
3	Corner Cap R/S	1	6266516	6266516	6266516	6266516
4	Front Top Connector	1	1623007	1623007	1623007	1623007
5	Front Roof Bow	1	0192404	0192404	0192404	0192404
6	Intermediate Roof Bow	As Req'd	0190340	0190340	0190340	0190340
7	Translucent Roof Sheet	As Req'd	0664401	0664401	0664401	0664401
8	J-Molding	As Req'd	003951	003951	003951	003951
9	Rear Roof Sheet	1	143821	143821	143821	143821
10	MorganPlate Panel	As Req'd	06990278	06990278	06990278	06990278





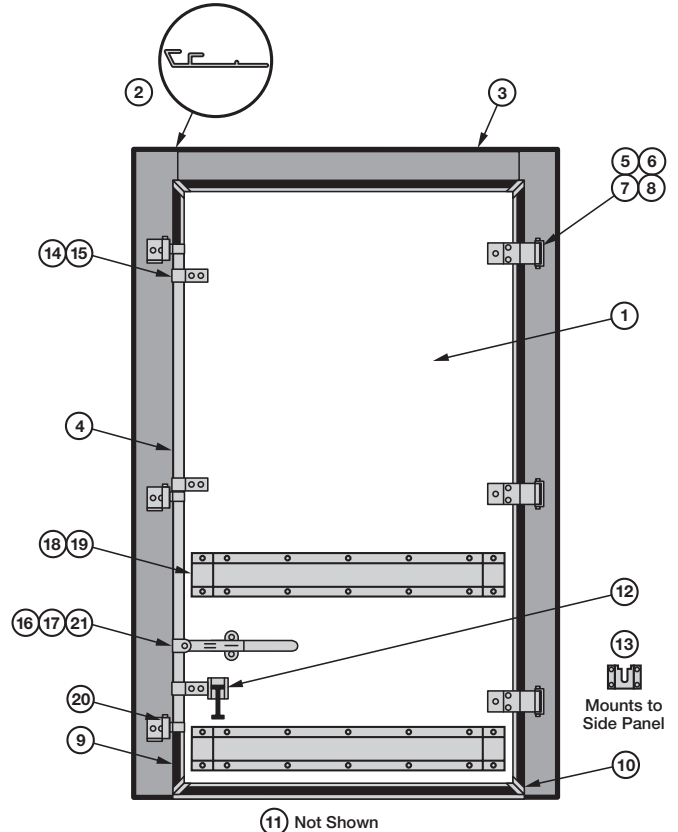
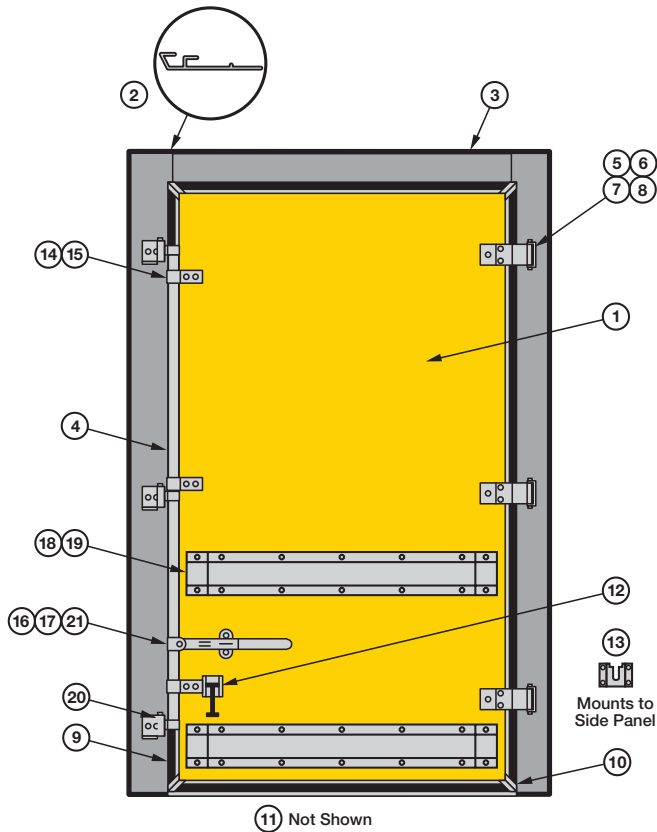
Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
11	Bottom Rail	2	14038205	14038205	14038205	14038205
12	Rub Rail	As Req'd	004558	004558	004558	004558
13	Rub Rail End Cap	As Req'd	006972	006972	006972	006972
14	Rub Rail Monobolt	As Req'd	055054	055054	055053	055053
15	Top Rail	2	00033901	00033901	00033901	00033901
16	Connector Post	As Req'd	001481	001481	001481	001481
17	Corner Radius	2	00660	00660	00660	00660
18	Front Bottom Rail	As Req'd	1410163	1410163	1410163	1410163
19	MorganPlate Panel	1	06990278	06990278	—	—
20	Lord Adhesive	As Req'd	080478	080478	080478	080478
21	Lord Adhesive Nozzle	As Req'd	080482	080482	080482	080482
22	Single Sided Adhesive Tape	As Req'd	0803456	0803456	0803456	0803456
23	Applicator Gun	As Req'd	080483	080483	080483	080483





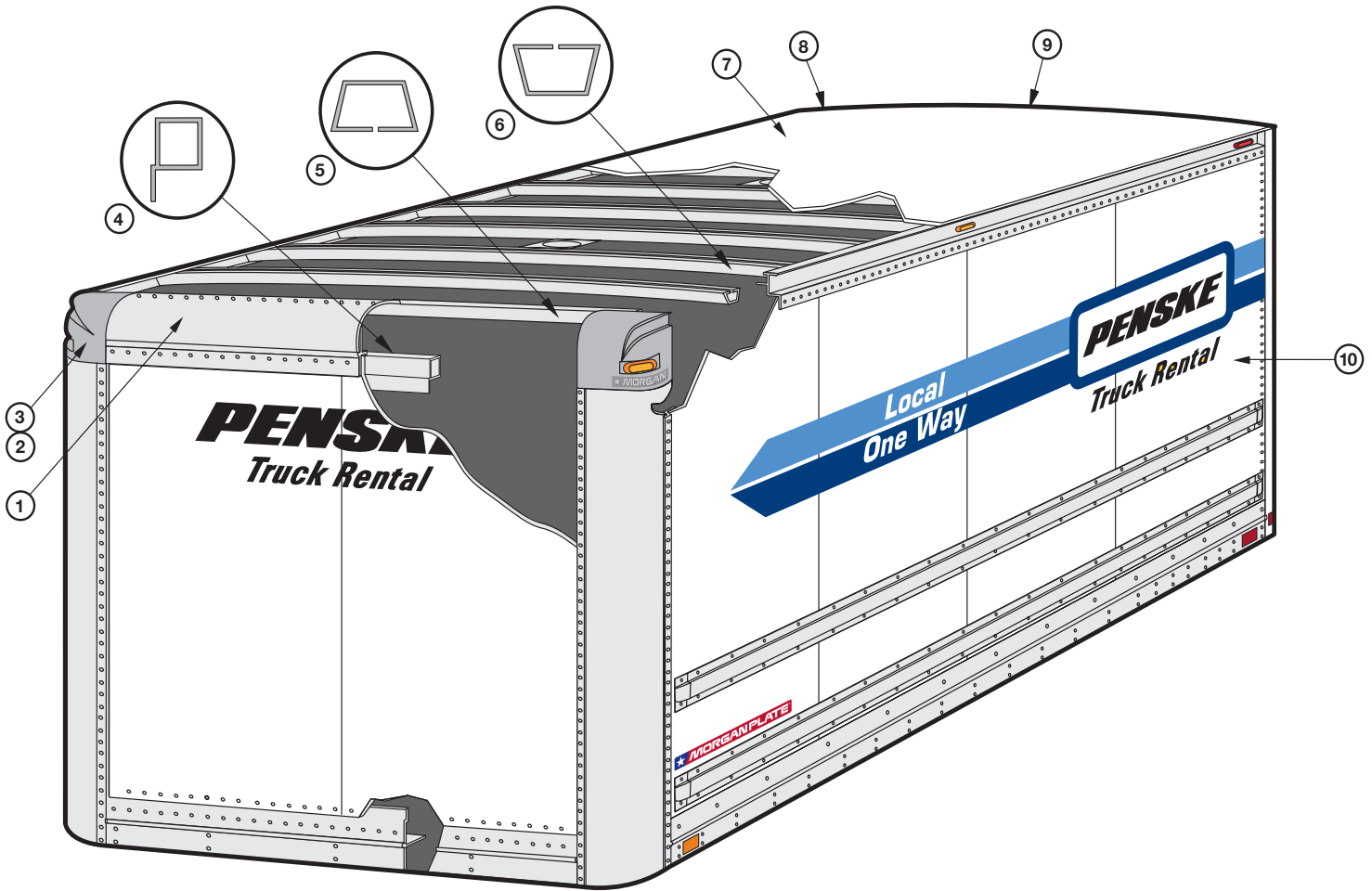
Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	Upper Header	1	1121823	1121823	112169206	112169206
	Upper Header SS	1	1121748	1121748	1121893	1121893
2	Lower Header	1	11216902	11216902	11216902	11216902
	Lower Header SS	1	1121714	1121714	1121891	1121891
3	Replaceable Drain Trough	1	—	—	112169207	112169207
4	Rear Corner Post w/ TL (C/S)	1	1198633278	1198633278	1198633278	1198633278
	Rear Corner Post (C/S)	1	1198653	1198653	1198653	1198653
	Rear Corner Post SS w/ TL (C/S)	1	1198738	1198738	1198738	1198738
5	Rear Corner Post w/ TL (R/S)	1	1198633279	1198633279	1198633279	1198633279
	Rear Corner Post (R/S)	1	1198653	1198653	1198653	1198653
	Rear Corner Post SS (R/S)	1	1198739	1198739	1198739	1198739
6	Manus Caulk	As Req'd	08017	08017	08017	08017
7	Roof Rivets	As Req'd	05412	05412	05412	05412
8	Monobolts	As Req'd	055053	055053	055053	055053
9	Reflector Amber	As Req'd	040646	040646	040646	040646
10	Reflector Red	As Req'd	040645	040645	040645	040645
11	Bottom Rail Bolt	As Req'd	051047	051047	051047	051047
12	Bottom Rail Nut	As Req'd	0520210	0520210	0520210	0520210
13	Corner Post Reinforcement	2	10471822	10471822	10471822	10471822
14	Liftgate Bumper (R/S)	1	132644	132644	132644	132644
	Liftgate Bumper (C/S)	1	132643	132643	132643	132643
15	Bumper Block	2	076263	076263	076263	076263
16	Rear Endplate	1	10766162	10766162	107661946	107663104
17	Tail Light	2	0402783	0402783	0402783	0402783
18	Back up Light	2	0402780	0402780	0402780	0402780
19	Grab Handle	As Req'd	087919	087919	087919	087919
20	Clearance Light Red	As Req'd	46001284	46001284	46001291	46001291
21	Clearance Light Yellow	As Req'd	46001286	46001286	46001290	46001290
22	Clearance Light Pigtail	As Req'd	041328	041328	—	—
23	Clearance Light Pigtail Corner	As Req'd	46012023	46012023	—	—
24	Overhead Door	1	Call with Serial No.	Call with Serial No.	Call with Serial No.	Call with Serial No.
25	Side Door Step	1	45600954	45600954	45600954	45600954
26	Step Brace	2	10121091	10121091	10121091	10121091
27	Side Door Assembly	1	See Page 39	See Page 39	See Page 39	See Page 39
28	Reflector Red	As Req'd	040645	040645	040645	040645
29	Reflector Tape	As Req'd	08062	08062	08062	08062





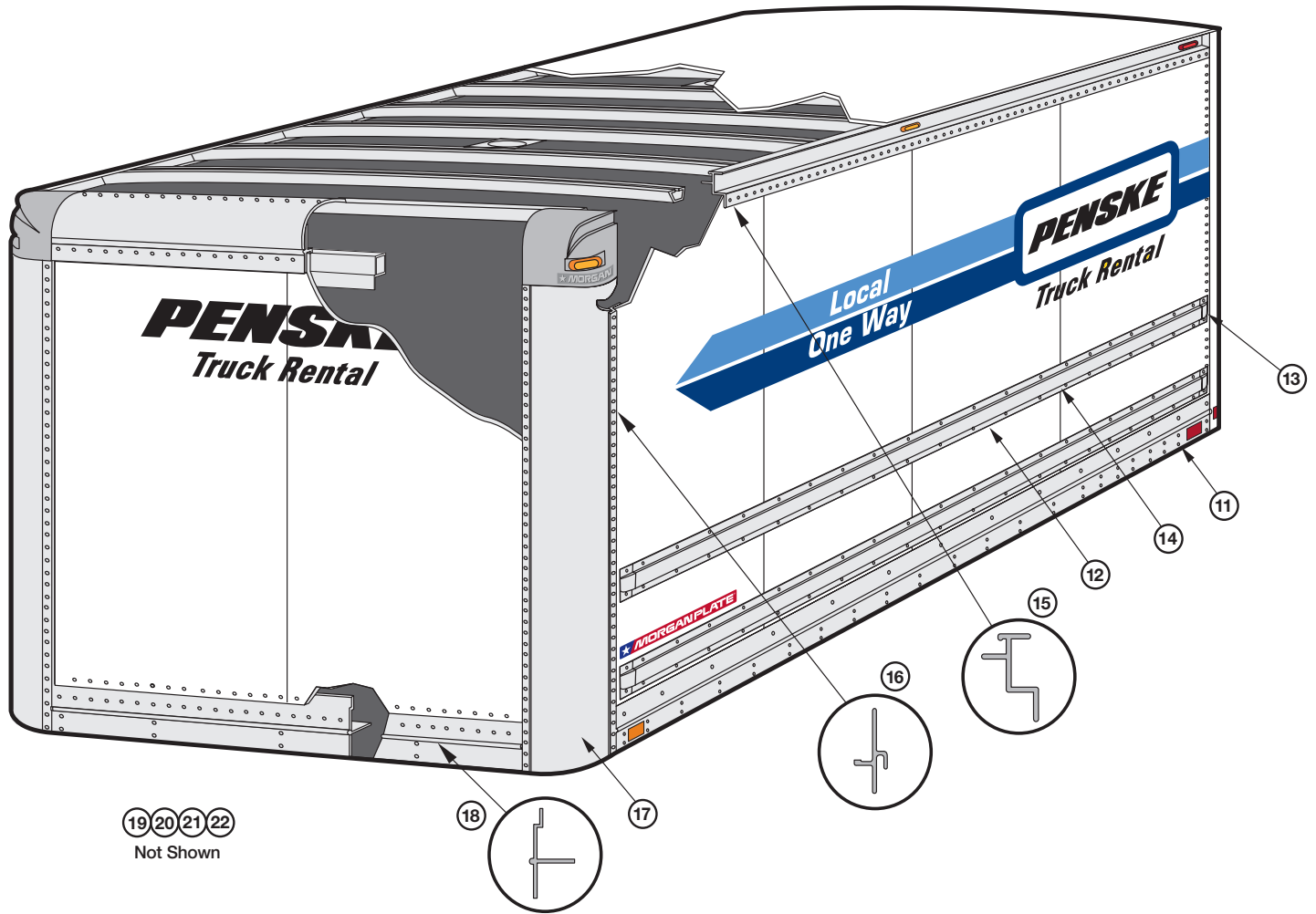
Item No	Part Description	Quantity	2013	2014	2015	2016
			Part No. 2013	Part No. 2014	Part No. 2015	Part No. 2016
1	Door Panel - MorganPlate White	1	Call with Serial No.	Call with Serial No.	Call with Serial No.	Call with Serial No.
	Door Panel - MorganPlate Yellow	1	Call with Serial No.	Call with Serial No.	Call with Serial No.	Call with Serial No.
2	Hinge Side Post	2	1428405	1428405	1428405	1428405
3	Header	1	142808	142808	142808	142808
4	Lockrod Kit (97H)	1	430052	430052	430052	430052
	Lockrod Kit (103H)	1	430045	430045	430045	430045
5	Hinge	3	004187	004187	004187	004187
6	Butt	3	087226	087226	087226	087226
7	Hinge Bolt	As Req'd	051095	051095	051095	051095
8	Hinge Nut	As Req'd	05238	05238	05238	05238
9	Door Seal	As Req'd	077803	077803	077803	077803
10	Rubber Door Tab	As Req'd	076502	076502	076502	076502
11	Threshold	1	143258	143258	143258	143258
12	Door Retainer - Male	1	087603	087603	087603	087603
13	Door Retainer - Female	1	087604	087604	087604	087604
14	Rod Guide	3	087095	087095	087095	087095
15	Rod Guide	3	087096	087096	087096	087096
16	Handle	1	08723	08723	08723	08723
17	Handle Retainer	1	08709	08709	08709	08709
18	Rub Rail	As Req'd	0045597	0045597	0045597	0045597
19	Rub Rail End Cap	4	006972	006972	006972	006972
20	Lockrod Keeper	3	0873100	0873100	0873100	0873100
21	Hasp	1	0787561	0787561	0787561	0787561





Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	Front Top Radius	1	13502	13502	13502	13502
2	Corner Cap C/S	1	6266416	6266416	6266416	6266416
3	Corner Cap R/S	1	6266516	6266516	6266516	6266516
4	Front Top Connector	1	1623007	1623007	1623007	1623007
5	Front Roof Bow	1	0192404	0192404	0192404	0192404
6	Intermediate Roof Bow	As Req'd	0190340	0190340	0190340	0190340
7	Translucent Roof Sheet	As Req'd	0664401	0664401	0664401	0664401
8	J-Molding	As Req'd	003951	003951	003951	003951
9	Rear Roof Sheet	1	143821	143821	143821	143821
10	MorganPlate Panel	As Req'd	06990279	06990279	06990279	06990279

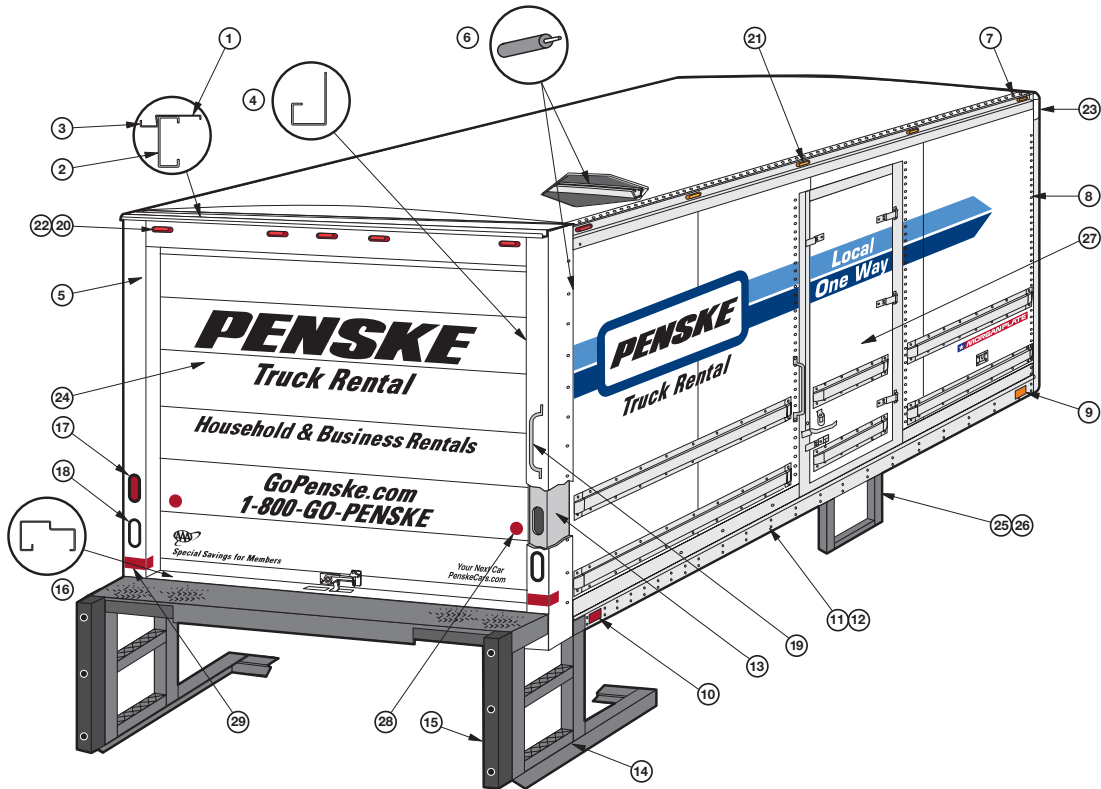




19 20 21 22
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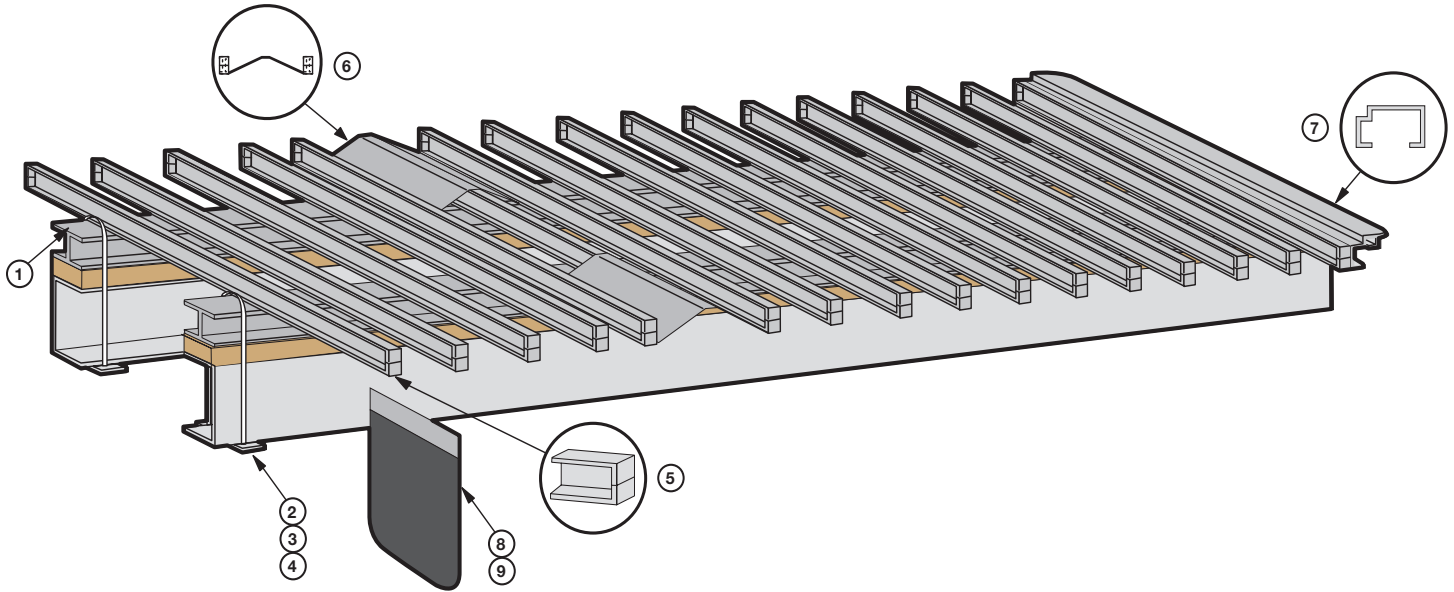
Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
11	Bottom Rail	2	14038205	14038205	14038205	14038205
12	Rub Rail	As Req'd	0045597	0045597	0045597	0045597
13	Rub Rail End Cap	As Req'd	006972	006972	006972	006972
14	Rub Rail Monobolt	As Req'd	055054	055054	055053	055053
15	Top Rail	2	00033901	00033901	00033901	00033901
16	Connector Post	As Req'd	001481	001481	001481	001481
17	Corner Radius	2	00660	00660	00660	00660
18	Front Bottom Rail	As Req'd	1410163	1410163	1410163	1410163
19	Lord Adhesive	As Req'd	080478	080478	080478	080478
20	Lord Adhesive Nozzle	As Req'd	080482	080482	080482	080482
21	Single Sided Adhesive Tape	As Req'd	0803456	0803456	0803456	0803456
22	Applicator Gun	As Req'd	080483	080483	080483	080483





Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	Upper Header	1	1121823	1121823	112169206	112169206
	Upper Header SS	1	1121748	1121748	1121893	1121893
2	Lower Header	1	11216902	11216902	11216902	11216902
	Lower Header SS	1	1121714	1121714	1121891	1121891
3	Replacable Drain Trough	1	—	—	112169207	112169207
4	Rear Corner Post w/ TL (C/S)	1	1198633278	1198633278	1198633278	1198633278
	Rear Universal Corner Post (C/S)	1	1198653	1198653	1198653	1198653
	Rear Corner Post SS (C/S)	1	1198738	1198738	1198738	1198738
5	Rear Corner Post w/ TL(R/S)	1	1198633279	1198633279	1198633279	1198633279
	Rear Universal Corner Post (R/S)	1	1198653	1198653	1198653	1198653
	Rear Corner Post SS (R/S)	1	1198739	1198739	1198739	1198739
6	Manus Caulk	As Req'd	08017	08017	08017	08017
7	Roof Rivets	As Req'd	05412	05412	05412	05412
8	Monobolt Rivets	As Req'd	055053	055053	055053	055053
9	Reflector Amber	As Req'd	040646	040646	040646	040646
10	Reflector Red	As Req'd	040645	040645	040645	040645
11	Bottom Rail Bolt	As Req'd	051047	051047	051047	051047
12	Bottom Rail Nut	As Req'd	0520210	0520210	0520210	0520210
13	Corner Post Reinforcement	2	10471822	10471822	10471822	10471822
14	Liftgate Bumper (R/S)	1	132644	132644	132644	132644
	Liftgate Bumper (C/S)	1	132643	132643	132643	132643
15	Dock Bumper	2	076263	076263	076263	076263
16	Rear Endplate	1	10766162	10766162	107661946	107663104
17	Tail Light	2	0402783	0402783	0402783	0402783
18	Back up Light	2	0402780	0402780	0402780	0402780
19	Grab Handle	As Req'd	087919	087919	087919	087919
20	Clearance Light Red	As Req'd	46001284	46001284	46001291	46001291
21	Clearance Light Yellow	As Req'd	46001286	46001286	46001290	46001290
22	Clearance Light Pigtail	As Req'd	041328	041328	—	—
23	Clearance Light Pigtail Corner	As Req'd	46012023	46012023	—	—
24	Overhead Door	1	Call with Serial No.	Call with Serial No.	Call with Serial No.	Call with Serial No.
25	Side Door Step	1	45600954	45600954	45600954	45600954
26	Step Brace	2	10121091	10121091	10121091	10121091
27	Side Door Assembly	1	See Page 39	See Page 39	See Page 39	See Page 39
28	Reflector Red	As Req'd	040645	040645	040645	040645
29	Reflector Tape	As Req'd	08062	08062	08062	08062

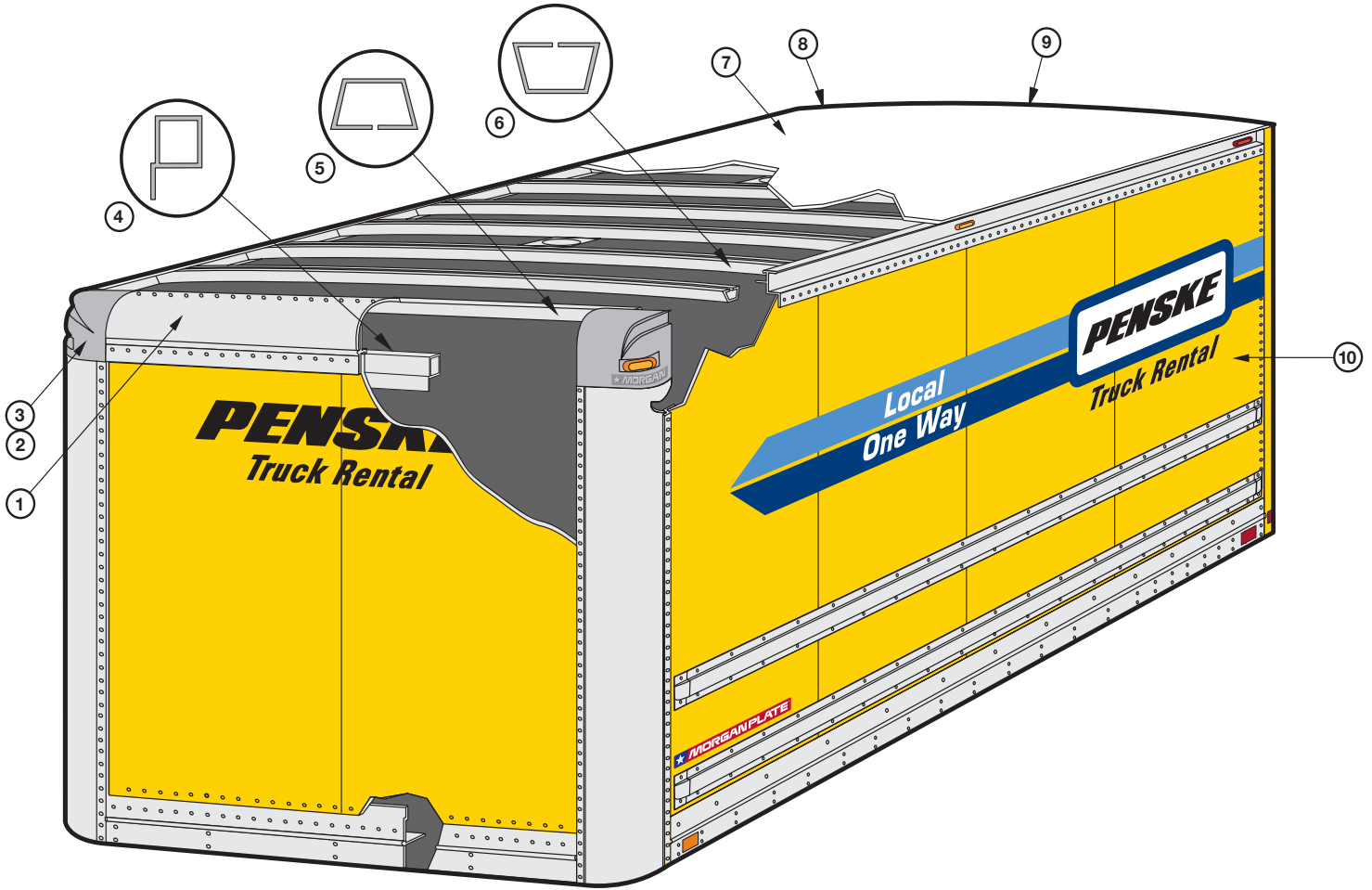




Commercial GVMD Subframe

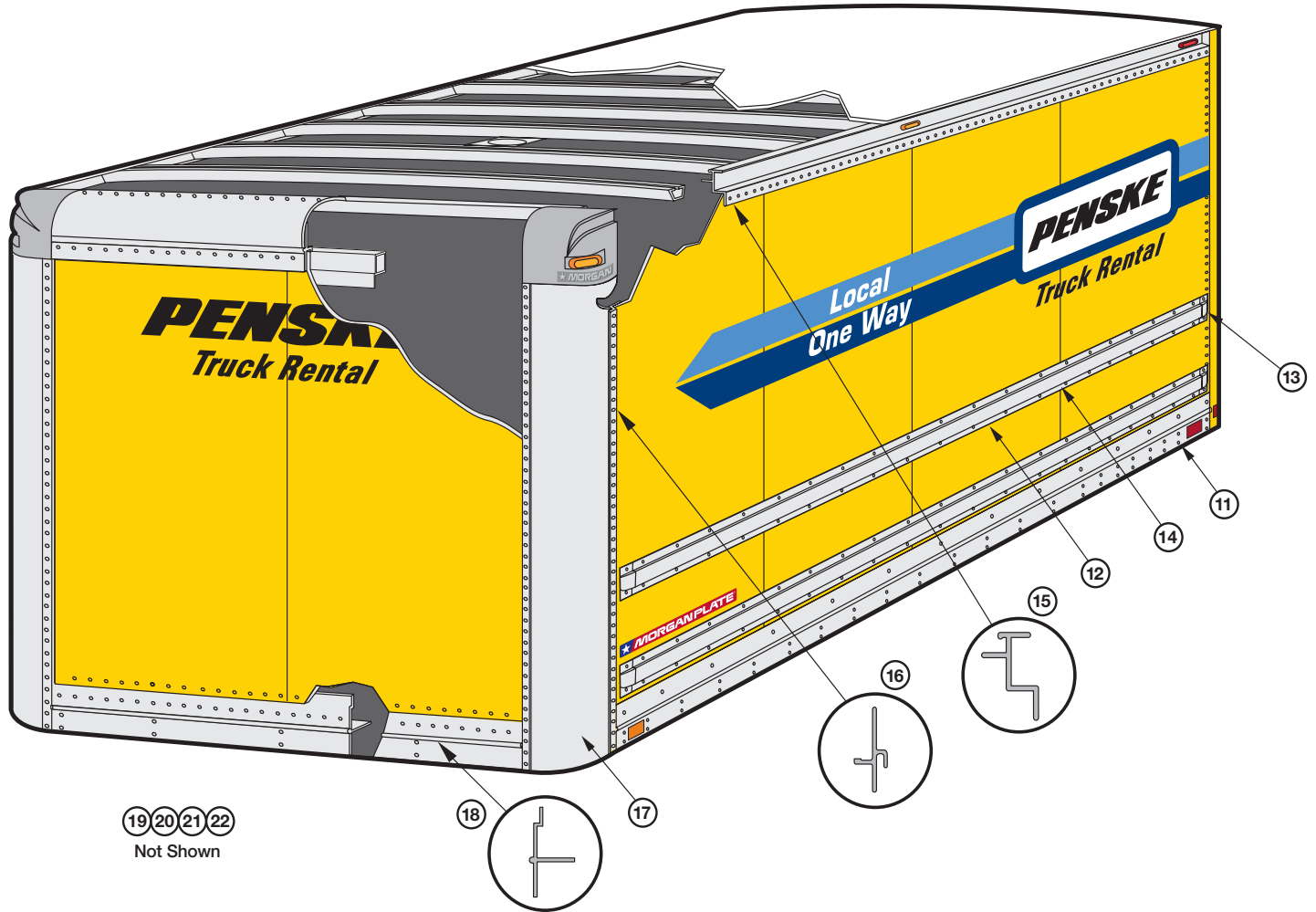
Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	4" Long Rail I-Beam	2	010259	010259	010259	010259
2	U-Bolt (12")	As Req'd	0560101	0560101	0560101	0560101
	U-Bolt (14")	As Req'd	0560201	0560201	0560201	0560201
	U-Bolt (16")	As Req'd	0560301	0560301	0560301	0560301
	U-Bolt (18")	As Req'd	0560401	0560401	0560401	0560401
	U-Bolt (20")	As Req'd	0560501	0560501	0560501	0560501
	U-Bolt (22")	As Req'd	0560601	0560601	0560601	0560601
3	U-Bolt Tie Plate	As Req'd	101427	101427	101427	101427
4	Lock Nut	As Req'd	052232	052232	052232	052232
5	Crossmember (96W)	As Req'd	010021	010021	010021	010021
	Crossmember (102W)	As Req'd	010025	010025	010025	010025
6	Wheelpan	2	128316	128316	128316	128316
7	Front Endplate (96W)	1	1075910	1075910	1075910	1075910
	Front Endplate (102W)	1	1075911	1075911	1075911	1075911
8	Mudflap	2	077381	077381	077381	077381
9	Mudflap Bracket	2	102901	102901	102901	102901





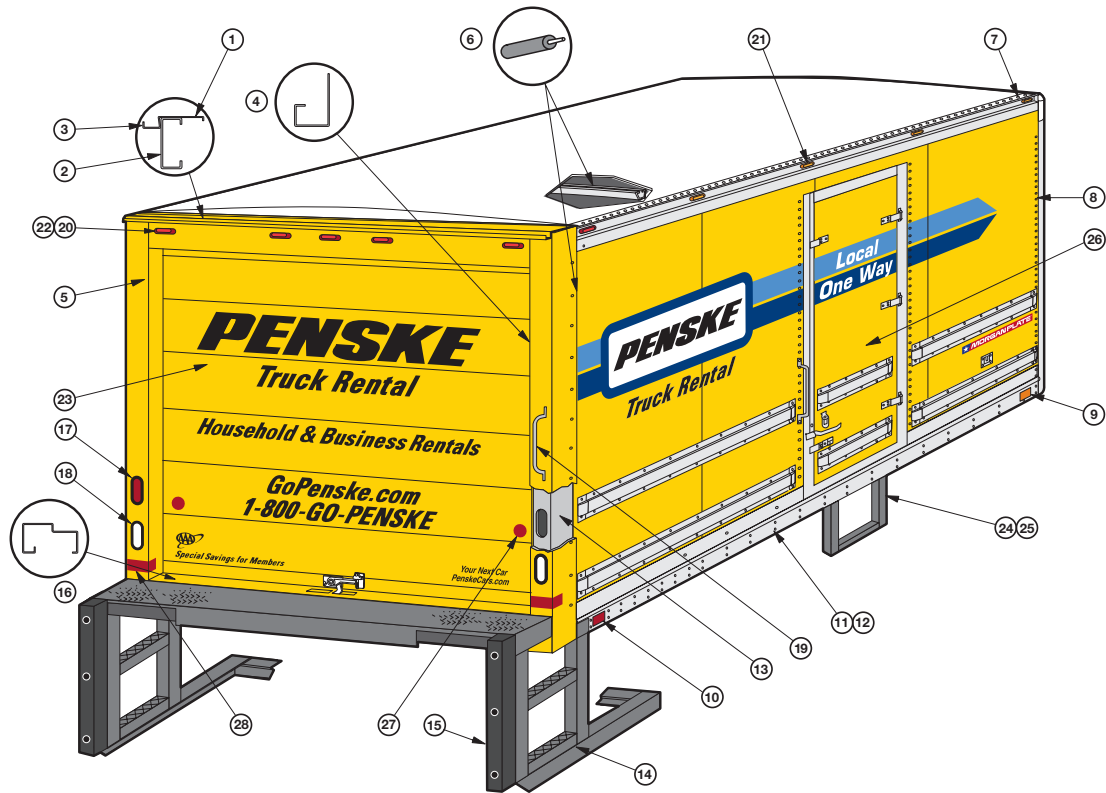
Item No	Part Description	Quantity	2013	2014	2015	2016
			Part No. 2013	Part No. 2014	Part No. 2015	Part No. 2016
1	Front Top Radius	1	13500	13500	13500	13500
2	Corner Cap C/S	1	6266416	6266416	6266416	6266416
3	Corner Cap R/S	1	6266516	6266516	6266516	6266516
4	Front Top Connector	1	1623006	1623006	1623006	1623006
5	Front Roof Bow	1	0192403	0192403	0192403	0192403
6	Intermediate Roof Bow	As Req'd	0190330	0190330	0190330	0190330
7	Translucent Roof Sheet	As Req'd	0664401	0664401	0664401	0664401
8	J-Molding	As Req'd	003951	003951	003951	003951
9	Rear Roof Sheet	1	1438206	1438206	1438206	1438206
10	MorganPlate Panel	As Req'd	06990278	06990278	06990278	06990278





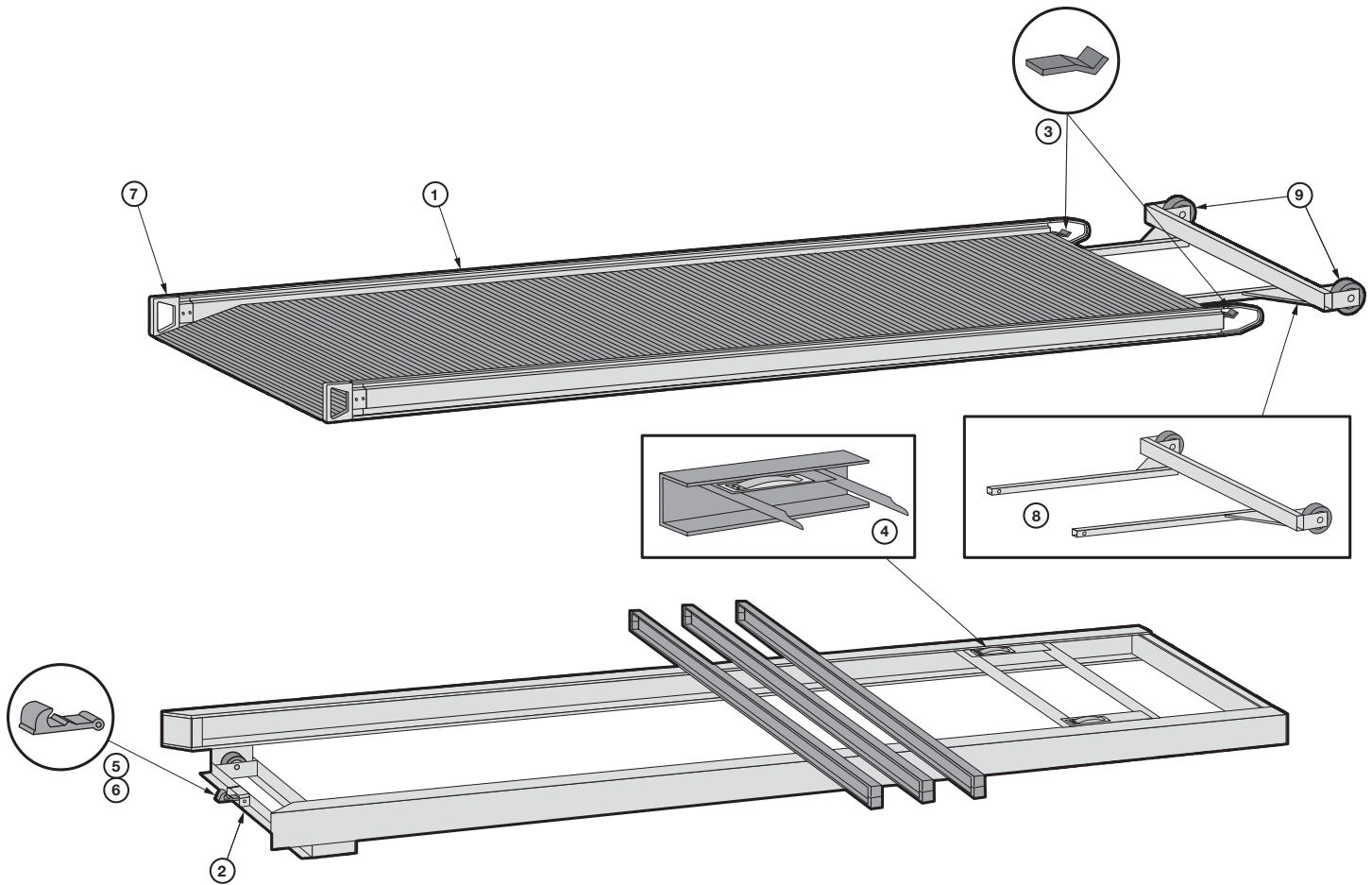
Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
11	Bottom Rail	2	14038205	14038205	14038205	14038205
12	Rub Rail	As Req'd	0045597	0045597	0045597	0045597
13	Rub Rail End Cap	As Req'd	006972	006972	006972	006972
14	Rub Rail Monobolt	As Req'd	055054	055054	055053	055053
15	Top Rail	2	00033901	00033901	00033901	00033901
16	Connector Post	As Req'd	001481	001481	001481	001481
17	Corner Radius	2	00660	00660	00660	00660
18	Front Bottom Rail	As Req'd	1410162	1410162	1410162	1410162
19	Lord Adhesive	As Req'd	080478	080478	080478	080478
20	Lord Adhesive Nozzle	As Req'd	080482	080482	080482	080482
21	Single Sided Adhesive Tape	As Req'd	0803456	0803456	0803456	0803456
22	Applicator Gun	As Req'd	080483	080483	080483	080483





Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	Upper Header	1	1121692	1121692	1121692	1121692
	Upper Header SS	1	1121747	1121747	1121747	1121747
2	Lower Header	1	11216901	11216901	11216901	11216901
	Lower Header SS	1	1121714	1121714	1121891	1121891
3	Replacable Drain Trough	1	—	—	112169204	112169204
4	Rear Corner Post w/ TL (C/S)	1	1198633278	1198633278	1198633278	1198633278
	Rear Corner Post (C/S)	1	1198653	1198653	1198653	1198653
	Rear Corner Post SS w/ TL (C/S)	1	1198738	1198738	1198738	1198738
5	Rear Corner Post w/ TL (R/S)	1	1198633279	1198633279	1198633279	1198633279
	Rear Corner Post (R/S)	1	1198653	1198653	1198653	1198653
	Rear Corner Post SS (R/S)	1	1198739	1198739	1198739	1198739
6	Manus Caulk	As Req'd	08017	08017	08017	08017
7	Roof Rivets	As Req'd	05412	05412	05412	05412
8	Monobolt Rivets	As Req'd	055053	055053	055053	055053
9	Reflector Amber	As Req'd	040646	040646	040646	040646
10	Reflector Red	As Req'd	040645	040645	040645	040645
11	Bottom Rail Bolt	As Req'd	051047	051047	051047	051047
12	Bottom Rail Nut	As Req'd	0520210	0520210	0520210	0520210
13	Corner Post Reinforcement	2	10471822	10471822	10471822	10471822
14	Liftgate Bumper (R/S)	1	132644	132644	132644	132644
	Liftgate Bumper (C/S)	1	132643	132643	132643	132643
15	Dock Bumper	2	076263	076263	076263	076263
16	Rear Endplate	1	10766163	10766163	107661949	107663105
17	Tail Light	2	0402783	0402783	0402783	0402783
18	Back up Light	2	0402780	0402780	0402780	0402780
19	Grab Handle	As Req'd	087919	087919	087919	087919
20	Clearance Light Red	As Req'd	46001284	46001284	46001291	46001291
21	Clearance Light Yellow	As Req'd	46001286	46001286	46001290	46001290
22	Clearance Light Pigtail	As Req'd	041328	041328	—	—
23	Overhead Door	1	Call w/ Serial #	Call w/ Serial #	Call w/ Serial #	Call w/ Serial #
24	Side Door Step	1	45600954	45600954	45600954	45600954
25	Step Brace	2	10121091	10121091	10121091	10121091
26	Side Door Assembly	1	See Side Door ASM	See Side Door ASM	See Side Door ASM	See Side Door ASM
27	Reflector Red	As Req'd	040645	040645	040645	040645
28	Reflective Tape	As Req'd	08062	08062	08041	08041

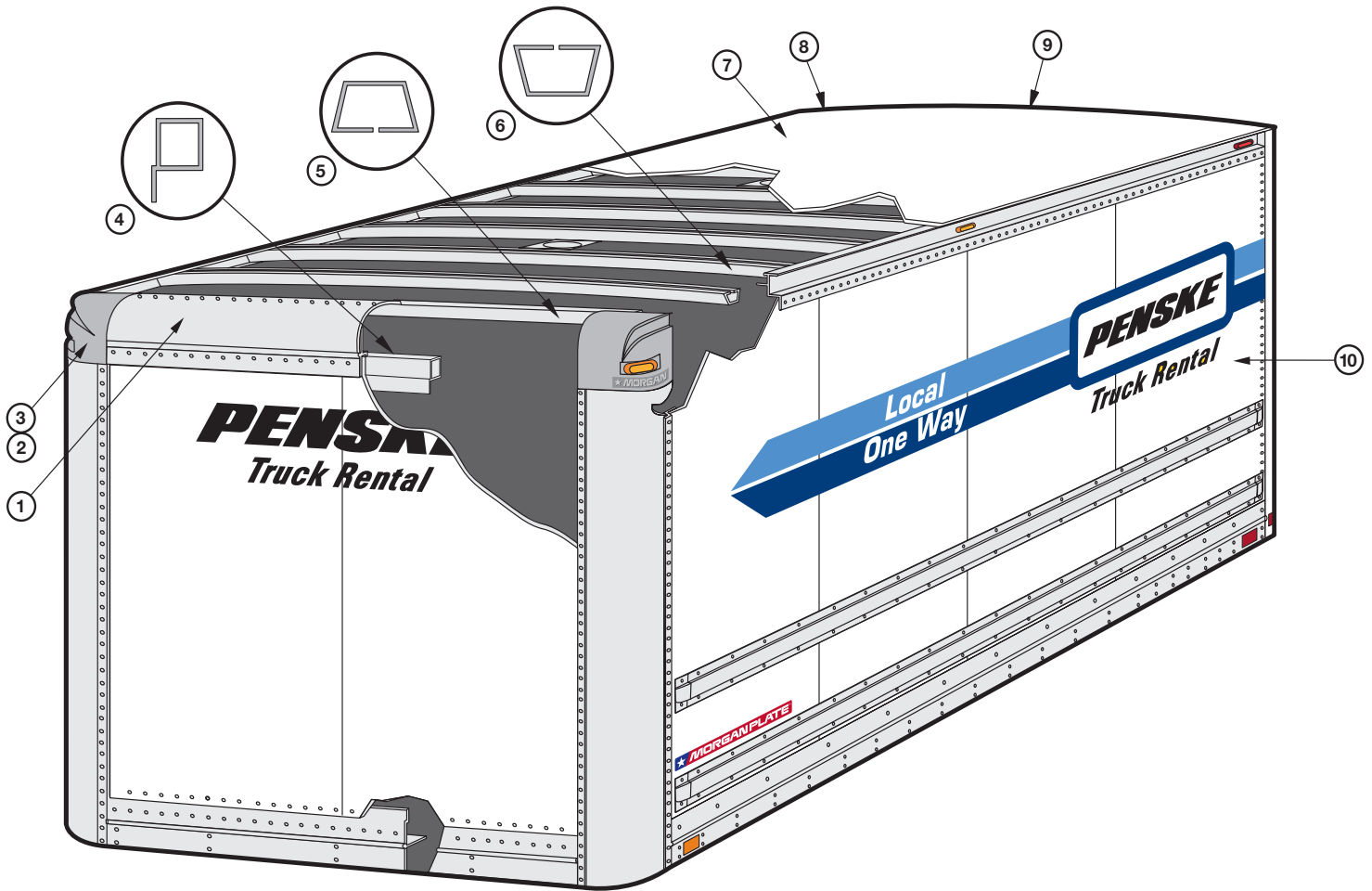




Commercial GVMD Walkramp

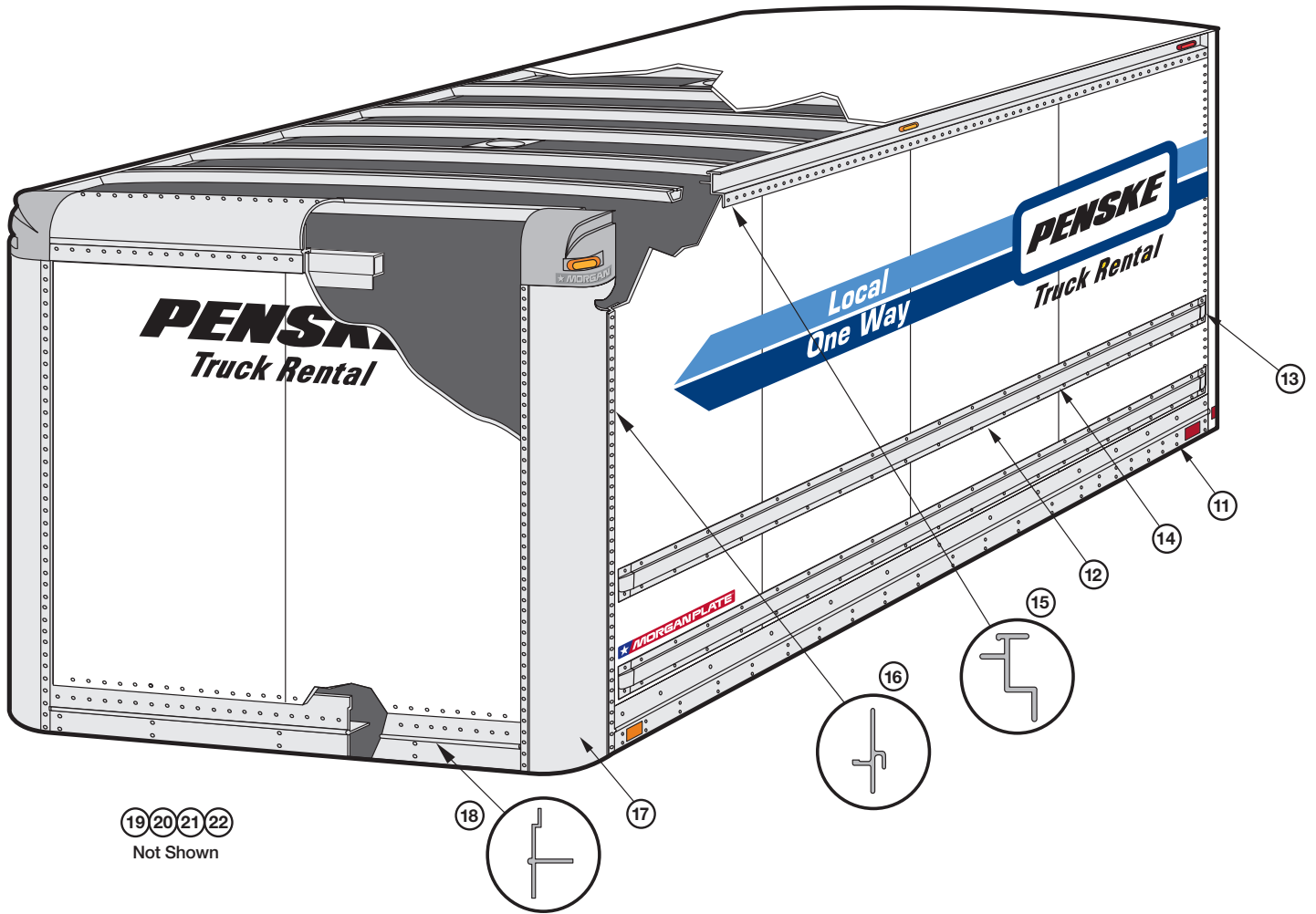
Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	14' Walkramp	1	N/A	3000624	3000624	3000624
2	Walkramp Roller Assembly	1		30037	30037	30037
3	Walkramp Hook	2		07815	07815	07815
4	Anti-Vibration Spring	2		30036	30036	30036
5	Walkramp Latch	1		00493	00493	00493
6	Latch Spring	1		07811	07811	07811
7	Walkramp Handles	2		077036	077036	077036
8	Walkramp Trolley	1		3000304	3000304	3000304
9	Walkramp Rollers 2.50" Dia.	4		078021	078021	078021





Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	Front Top Radius	1	13500	13500	13500	13500
2	Corner Cap C/S	1	6266416	6266416	6266416	6266416
3	Corner Cap R/S	1	6266516	6266516	6266516	6266516
4	Front Top Connector	1	1623006	1623006	1623006	1623006
5	Front Roof Bow	1	0192403	0192403	0192403	0192403
6	Intermediate Roof Bow	As Req'd	0190330	0190330	0190330	0190330
7	Translucent Roof Sheet	As Req'd	0664401	0664401	0664401	0664401
8	J-Molding	As Req'd	003951	003951	003951	003951
9	Rear Roof Sheet	1	1438206	1438206	1438206	1438206
10	MorganPlate Panel	As Req'd	06990279	06990279	06990279	06990279

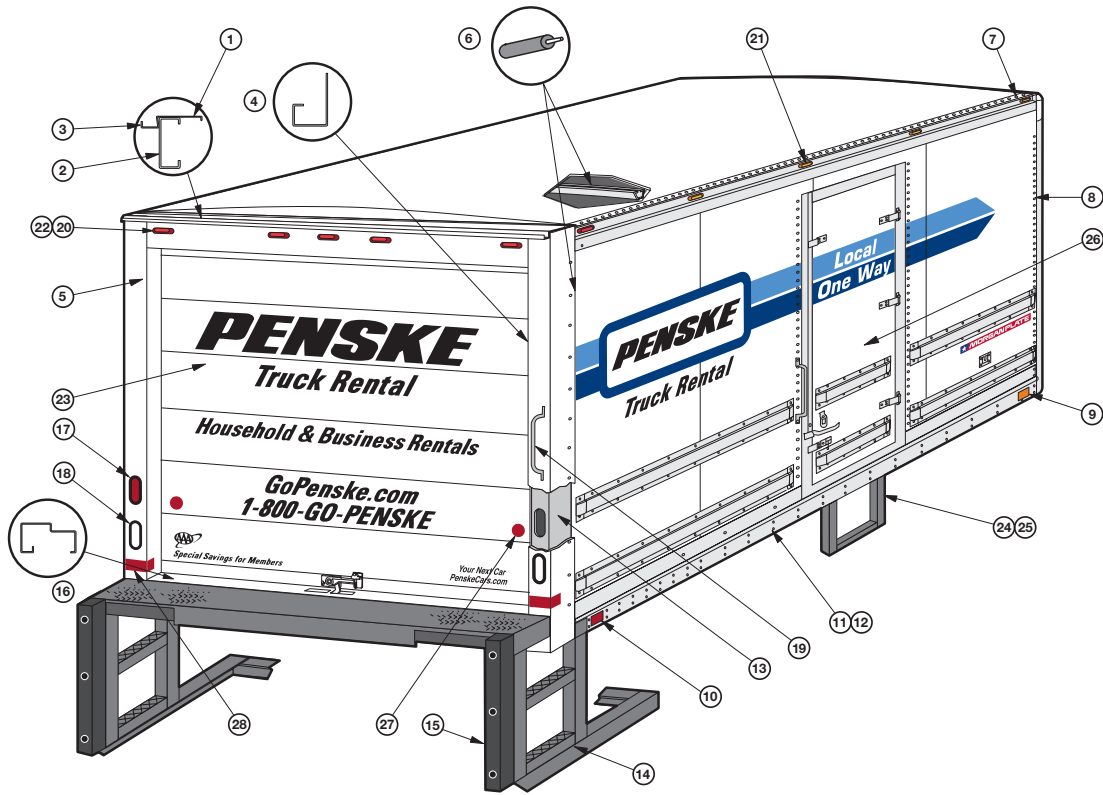




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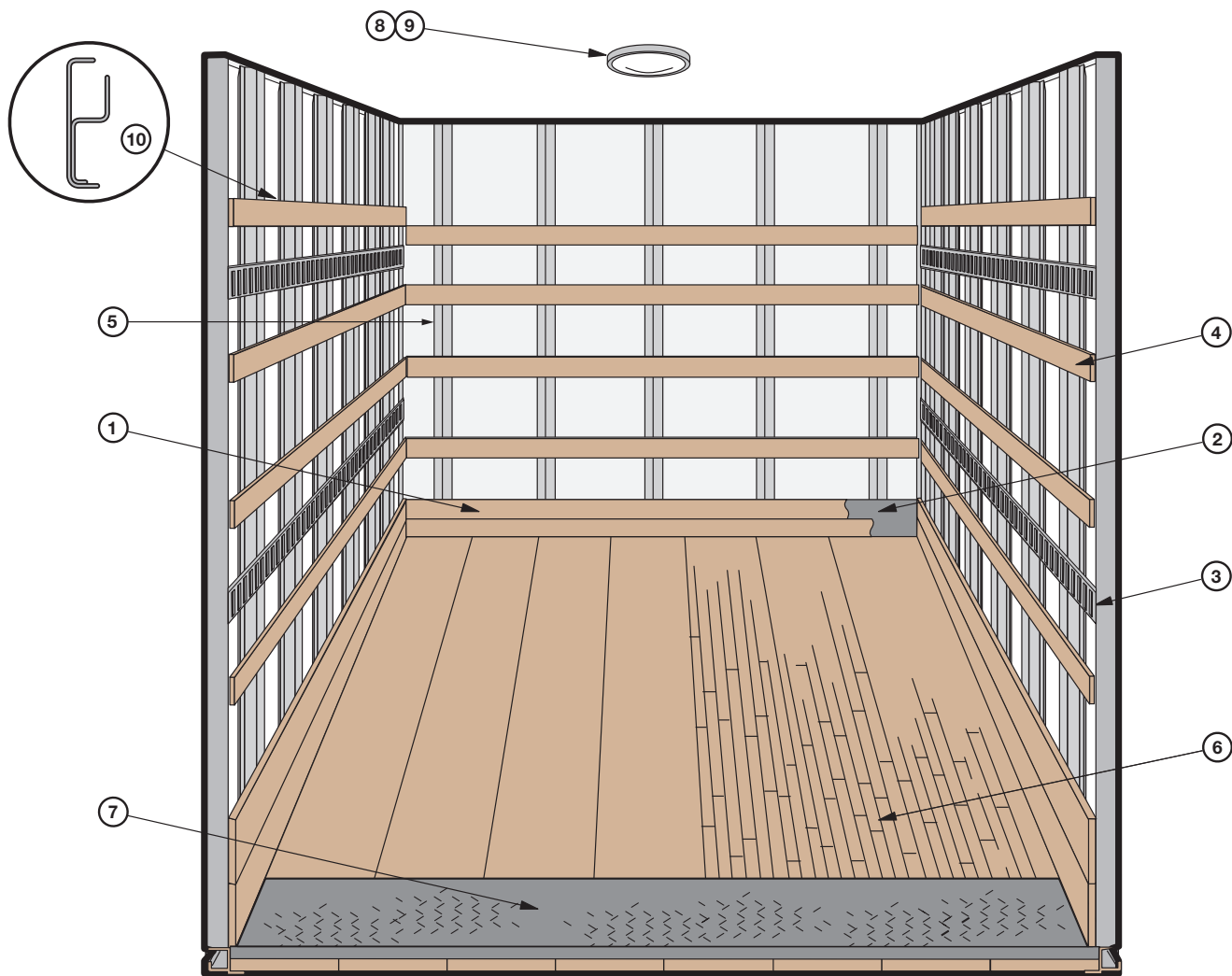
Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
11	Bottom Rail	2	14038205	14038205	14038205	14038205
12	Rub Rail	As Req'd	0045597	0045597	0045597	0045597
13	Rub Rail End Cap	As Req'd	006972	006972	006972	006972
14	Rub Rail Monobolt	As Req'd	055054	055054	055053	055053
15	Top Rail	2	00033901	00033901	00033901	00033901
16	Connector Post	As Req'd	001481	001481	001481	001481
17	Corner Radius	2	00660	00660	00660	00660
18	Front Bottom Rail	As Req'd	1410163	1410163	1410163	1410163
19	Lord Adhesive	As Req'd	080478	080478	080478	080478
20	Lord Adhesive Nozzle	As Req'd	080482	080482	080482	080482
21	Single Sided Adhesive Tape	As Req'd	0803456	0803456	0803456	0803456
22	Applicator Gun	As Req'd	080483	080483	080483	080483





Item No	Part Description	Quantity	2013 Part No. 2013	2014 Part No. 2014	2015 Part No. 2015	2016 Part No. 2016
1	Upper Header	1	1121692	1121692	1121692	1121692
	Upper Header SS	1	1121747	1121747	1121747	1121747
2	Lower Header	1	11216901	11216901	11216901	11216901
	Lower Header SS	1	1121714	1121714	1121891	1121891
3	Replacable Drain Trough	1	—	—	112169204	112169204
4	Rear Corner Post w/ TL (C/S)	1	1198633278	1198633278	1198633278	1198633278
	Rear Corner Post (C/S)	1	1198653	1198653	1198653	1198653
	Rear Corner Post SS w/ TL (C/S)	1	1198738	1198738	1198738	1198738
5	Rear Corner Post w/ TL (R/S)	1	1198633279	1198633279	1198633279	1198633279
	Rear Corner Post (R/S)	1	1198653	1198653	1198653	1198653
	Rear Corner Post SS (R/S)	1	1198739	1198739	1198739	1198739
6	Manus Caulk	As Req'd	08017	08017	08017	08017
7	Roof Rivets	As Req'd	05412	05412	05412	05412
8	Monobolt Rivets	As Req'd	055053	055053	055053	055053
9	Reflector Ambler	As Req'd	040646	040646	040646	040646
10	Reflector Red	As Req'd	040645	040645	040645	040645
11	Bottom Rail Bolt	As Req'd	051047	051047	051047	051047
12	Bottom Rail Nut	As Req'd	0520210	0520210	0520210	0520210
13	Corner Post Reinforcement	2	10471822	10471822	10471822	10471822
14	Liftgate Bumper (R/S)	1	132644	132644	132644	132644
	Liftgate Bumper (C/S)	1	132643	132643	132643	132643
15	Dock Bumper	2	076263	076263	076263	076263
16	Rear Endplate	1	10766163	10766163	107661949	107663105
17	Tail Light	2	0402783	0402783	0402783	0402783
18	Back up Light	2	0402780	0402780	0402780	0402780
19	Grab Handle	As Req'd	087919	087919	087919	087919
20	Clearance Light Red	As Req'd	46001284	46001284	46001291	46001291
21	Clearance Light Yellow	As Req'd	46001286	46001286	46001290	46001290
22	Clearance Light Pigtail	As Req'd	041328	041328	—	—
23	Overhead Door	1	Call w/ Serial #	Call w/ Serial #	Call w/ Serial #	Call w/ Serial #
24	Side Door Step	1	45600954	45600954	45600954	45600954
25	Step Brace	2	10121091	10121091	10121091	10121091
26	Side Door Assembly	1	See Side Door ASM	See Side Door ASM	See Side Door ASM	See Side Door ASM
27	Reflector Red	As Req'd	040645	040645	040645	040645
28	Reflective Tape	As Req'd	08062	08062	08041	08041

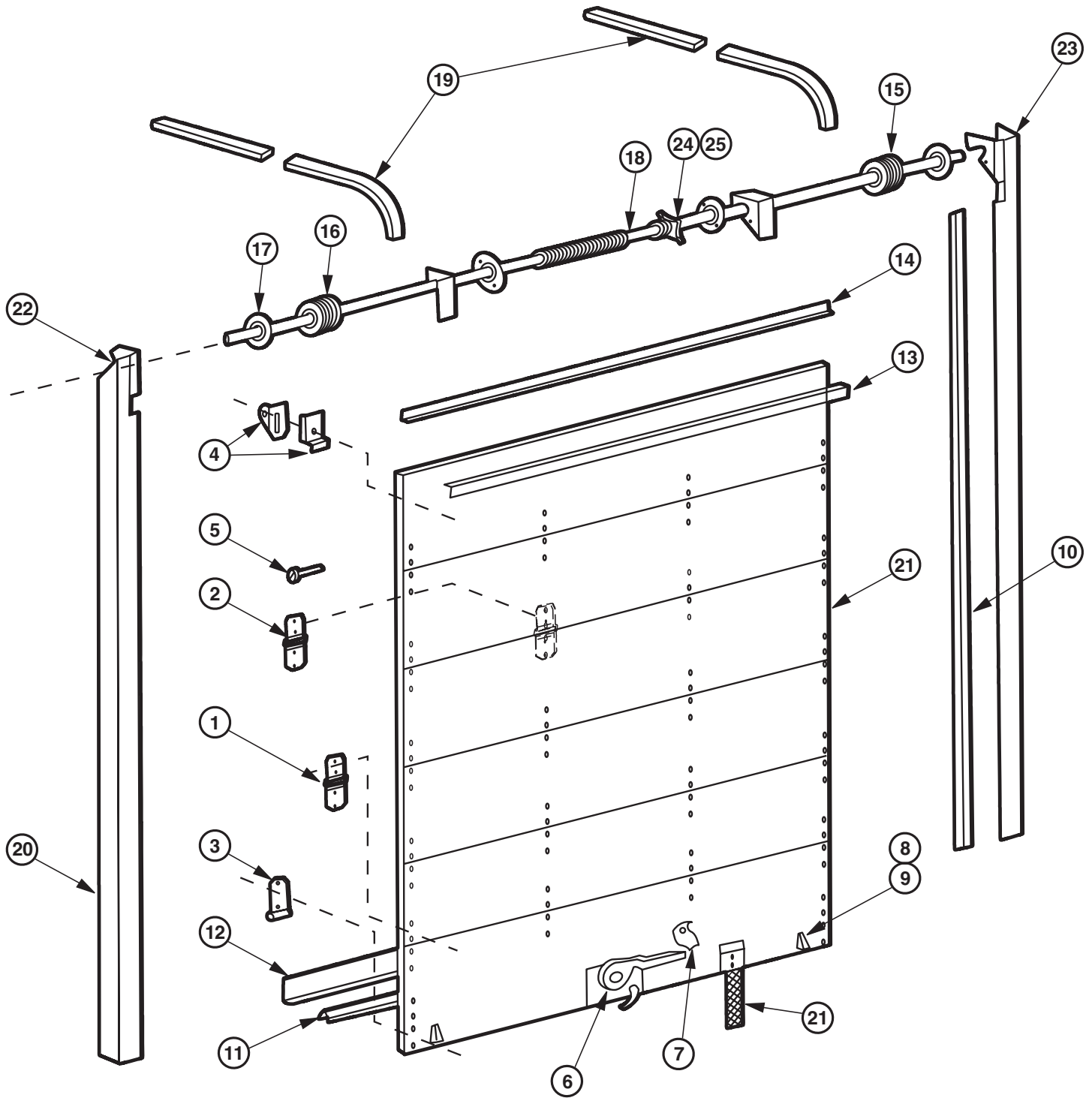




Commercial GVMD Interior

Item No	Part Description	Quantity	2013	2014	2015	2016
			Part No. 2013	Part No. 2014	Part No. 2015	Part No. 2016
1	Scuff Plate	As Req'd	0219825	0219825	0219825	0219825
2	Front End Reinforcement (96W)	1	1221784	1221784	1221784	1221784
	Front End Reinforcement (102W)	1	1221785	1221785	1221785	1221785
3	E-Track	As Req'd	079752	079752	079752	079752
4	Interior Slats	As Req'd	0219865	0219865	0219865	0219865
5	Galvanized Posts	As Req'd	01913063	01913063	01913063	01913063
6	Laminated Flooring (96W)	As Req'd	0200705	0200705	0200705	0200705
	Laminated Flooring (102W)	1	0200706	0200706	0200706	0200706
7	Threshold (96W)	1	126227044	126227044	126227044	126227044
	Threshold (102W)	1	126227043	126227043	126227043	126227043
8	Dome Light	1	040543	040543	040543	040543
9	Dome Light Bracket	1	102938	102938	102938	102938
10	Interior Slat Splice Plate	As Req'd	106752	106752	106752	106752





Generic Whiting Overhead Door Parts List

Item No.	Part Description	Quantity	Whiting No.	Morgan No.
1	Roller Hinge	1	1209A	61741
2	Center Hinge	1	15	61712
3	Bottom Fixture	1	1371	61748
4	Top Fixture – Base	1	1264	61744
	Top Fixture – Slide	1	6943	61751
5	Rollers	1	3228	61771
6	Lock	1	77	61696
7	Keeper	1	7515	61774
8	Door Cables – 115"	1	1-11	617042
	125"	1	1-1	61704
	130"	1	1-4	61706
9	Cable Anchor Bracket	1	4004	—
10	Side Seals – Rubber	1	5377	616990
11	Bottom Seal	1	5735	616882
12	Bottom Seal Retainer	1	8280-2	617021
13	Top Seal	1	4032	61699
14	Top Seal Retainer	1	—	Included with 61699 above
15	Cable Drum – C/S	1	2548	61769
16	Cable Drum – R/S	1	2547	61766
17	Bearing	As Req'd	—	—
18	Operator – 96"W	1	2376	61777
	Operator – 102"W	1	2376	61678
19	Horizontal Track – C/S	1	5382	616832
	Horizontal Track – R/S	1	5381	616842
20	Vertical Track – C/S	1	5991	616813
	Vertical Track – R/S	1	5990	616812
21	Grab Strap	1	61713	—
22	Balancer Bracket – C/S	1	2523	61762
23	Balancer Bracket – R/S	1	2524	61763
24	Balancer Bracket – Center	1	2525	61764
25	Balancer Bracket Clamp	1	2526	61765



Repair Procedure Guide



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Note:

Throughout these procedures there are “Critical to Quality” (CTQ) instructions. These need to be followed to maintain the quality of the installation. These CTQs are indicated in blue boxes.



Poly-Tuff Corner Cap Replacement

PROCEDURE

1. Ensure the corner cap is primed for the new adhesive; the surface should have a high gloss appearance.
2. Remove the marker light.
3. Punch out centers on all monobolts using a small punch and hammer.
4. Drill out all monobolts in corner cap using a #10 drill bit.
5. Remove old corner cap.
6. Completely remove all old caulking and/or foam tape and any residue.
7. Drill an appropriately sized hole in the corner cap for the marker light wire grommet.
8. Reinstall marker light and lens; apply 75-AM to the grommet sealing the light wire, apply the adhesive to the light wire inside of the cap.
9. Temporarily position the new corner cap, using existing holes use monobolts to hold the cap in place and trace cap with pencil.
10. Using a #10 drill bit, back drill the corner cap from the inside. Be sure the cap is tight against the radius.
Note: On reefer bodies drill the corner cap from the outside, be sure no holes into the radius are drilled resulting in an oversized hole.
11. Remove corner cap and all drill shavings. Wipe down the area and cap with rubbing alcohol, do not remove trace line.
12. Apply 3/16" tape along traced line approx. 1/16" inboard from line. (Figure 1)
13. Apply two 1/4" beads of 75-AM gray adhesive one bead on either side of the rivet holes across the top rail and roof. (Figure 2)
14. Apply a single 1/4" bead of 75-AM gray adhesive along the remainder of the perimeter, the bead must be continuous.
15. Fill corner cap top rail groove with 75-AM gray adhesive to within 1/8" of end. (Figure 3)
16. Position the corner cap and secure corner cap with 3/16" monobolts.
17. Seal the perimeter of the corner cap with 75-AM gray adhesive.
18. Apply 75-AM adhesive to the rivets across the top of the corner cap; do not apply adhesive to any other rivets.

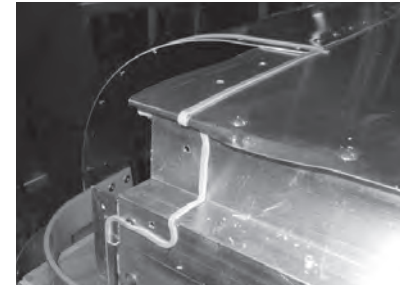


Figure 1.



Figure 2.

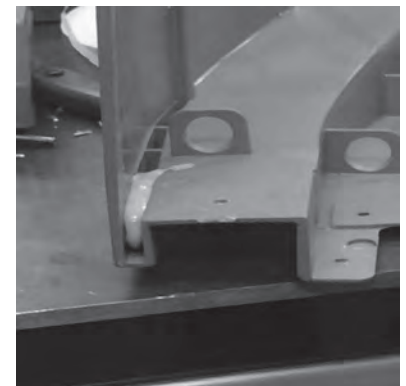


Figure 3.



Figure 4.



Translucent Roof Sheet Replacement

PROCEDURE

1. Punch out centers on all monobolts in front roof bow and rear roof closure strip. (Figure 1)
2. Drill out all monobolts using a 13/64" drill bit.
3. Chisel off all heads of 3/16" solid rivets. (Figure 2)
4. Punch out solid rivet from top rails.
5. Pry translucent roof sheet from top rails and roof bows.
6. Remove old translucent roof sheet.
7. Clean off caulking and tape from top rails and roof closure.
8. Remove old front roof bow.
9. Square body up by measuring across the diagonals and also the rear frame.
10. Layout and cut the new translucent roof sheet to the required length plus 6" to allow for extra to trim for squareness.
11. Roll translucent roof sheet up, inside out, and tie in a coil.
12. Lift roof sheet up on top of body and clamp to top rails.
13. Remove tie from roof sheet.
14. Tuck front edge of translucent roof sheet under corner cap and front top radius.
15. Remove clamps from roof sheet and top rails.
16. Roll out translucent roof sheet towards rear of body.
17. Vise-Grip roof sheet on curbside to the curbside top rail keeping the roof even with the outside edge of the top rail.
18. Install new front bow on inside of body using a 13/64" drill bit.



Figure 1.

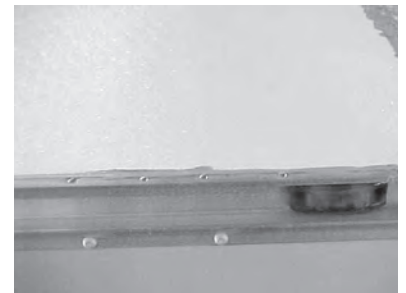


Figure 2.

CTQ – Step 9

The measurement must be within 1/2"



Translucent Roof Sheet Replacement con't

PROCEDURE

19. Monobolt new bow into place.
20. Monobolt front of translucent roof sheet to front radius and front roof bow using 3/16" monobolts.
21. Starting at the rear, roll translucent roof sheet up towards front of body and clamp.
22. Caulk all roof bows using 221 Sikaflex roof caulk. (Figure 3)
23. Tape both top rails with .062" single sided adhesive tape. (Figure 3)
24. Roll the roof sheet back into position. (Figure 3)
25. Adjust the roof sheet so that there is an equal distance between the edge of the roof sheet and the edge of each top rail.
26. Apply a bead of Quad gray sealant caulk to the inside of the "J" molding and clamp into position. (Figure 4)
No skips or voids in the caulking.
27. De-arch the roof bows by compressing the roof sheet and roof bows together using the roof bow compressor. (Figure 5)
28. Replace the clamps at the area attaching the roof sheet and top rail. This will allow the roof sheet to move.
29. Re-clip the roof sheet to the top rail.
30. Use the old rear closure strip as a template to install the new rear closure strip.
31. Using a 13/64" drill bit drill holes in the rear frame
32. Attach closure strip with 3/16" monobolts.
33. Punch the rivet holes in the roof sheet and top rails trying to hit the old holes in the top rails.

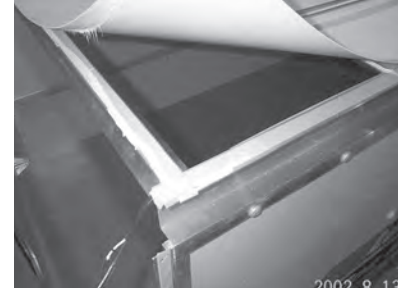


Figure 3.



Figure 4.



Figure 5.



Translucent Roof Sheet Replacement con't.

PROCEDURE

34. Install 1/4" x 3/16" aluminum solid rivets and compress the rivets compacting the roof sheet between the "J" molding and the top rails. (Figure 6)
35. Remove the roof bow compressors.
36. Apply Quad gray sealant caulk to the rear closure strip and rear closure monobolt heads. (Figure 7)
37. Apply Quad gray sealant caulk to the seam between the top of the "J" molding and the roof. (Figure 8)
38. Mask off roof sheet across the width at front and rear of body and neatly apply Manus Bond sealant paint over the caulking and rivet heads. (Figures 9 & 10)



Figure 6.



Figure 7.



Figure 8.



Figure 9.



Figure 10.



Roof Bow Replacement

PROCEDURE

1. Starting at front end of body mark top rail every 24" on the curbside and roadside. (Figure 1)
2. Lay roof bows out across top rail.
3. Install come along between top rails to hold roof bows in place.
4. Starting on curbside align roof bows with marks.
5. Drill 13/64" holes out to attach roof bows to top rail.
6. Solid rivet roof bow to top rail with 3/16" x 3/8" rivets. (Figures 2 & 3)
7. Drill and fasten roadside of top rail to roof bows. (Figure 3)



Figure 1.



Figure 2.



Figure 3.



Replacement of Front and Side FRP Panels

PROCEDURE

1. Support roof bows with props full length of roof if replacing a side FRP. (Figure 1)
2. Remove cam fasteners around outside edges of FRP panel.
3. Remove FRP panel.
4. Cut new panel same size of panel that was removed.
5. Remove old foam sealant tape from top rail, bottom rail, and connectors.
6. Install new .62" x .75" single sided gray sealant tape to new panel. (Figures 2 & 3)
7. Install new FRP panel aligning edges of panel with top rail, bottom rail, and connectors.
8. Using a 3/8" drill bit, drill out new FRP panel through holes in top rail, bottom rail, and connectors.
9. Using 1/4-20 x .62" bolts and 1/4-20 nuts, install new cam fasteners.
10. Re-caulk new FRP panel.



Figure 1.



Figure 2.

CTQ – Step 6
Tape to be centered on holes with 100% no breaks, tears or wrinkles.



Figure 3.



Replacement of Side Connectors on GVFD Body

PROCEDURE

1. Remove cam bolts from connector. (Figure 1)
2. Punch out centers of monobolts where radius is fastened to connector at front end or at rear frame post at rear end. (Figure 1)
3. Drill out monobolts with 13/64" drill bit.
4. Punch out centers out of monobolts where attached to top rail and bottom rail. (Figure 1)
5. Drill out rivets with 13/64" drill bit.
6. Remove bottom rail bolts from connector. (Figure 1)
7. Remove connector.
8. Remove old caulking and sealant tape.
9. Install new .62" x .75" single sided gray sealant tape on new connector. (Figure 2)
10. Install new connector and align holes.
11. Using 0.19" stainless steel monobolts, monobolt connector to top rail and bottom rail. Sheet and post models only.
12. Using 1/4-20 x .62" bolts and 1/4-20 nuts, install new cam fasteners in connector. (Figure 2)
13. Monobolt radius to connector using 3/16" monobolts at front or 1/4" monobolts at rear to the rear frame post.
14. Drill out connector for bottom rail bolts using 3/8" drill bit.
15. Install bottom rail bolts and install.
16. With Quad gray sealant caulk new connector. (Figure 3)



Figure 1.



Figure 2.



Figure 3.



Replacement of Laminated Hardwood Flooring

PROCEDURE

1. Remove all rear and side door thresholds. (Figure 1)
2. Remove front end reinforcements that overlay the old floor, and or any cargo tracks that are in the floor.
3. Try to back out any or all old floor screws if this can not be done go to step 4.
4. Cut floor between each cross member using a circular saw.
5. Starting at the front of the body using a sledgehammer hit down on far edge of cut boards knocking out old floor. Work towards rear of body.
6. Clean up old flooring from under the truck making sure to remove all pieces from chassis frame rails and long rail and tires. (Figure 2)
7. Using a large pipe wrench or adjustable wrench, straighten any and all cross member flanges that are bent from knocking out old flooring.
8. Determine the size and length of new floor and cut new floor to that length.
9. Visually inspect the floorboards and replace any defective floorboards.
10. Caulk the bottom edge of the first end board and position into the truck with Manus-Prene 65A.
11. Position the next five center boards into the truck.

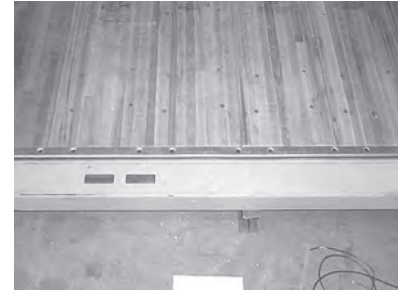


Figure 1.



Figure 2.



Replacement of Laminated Hardwood Flooring con't.

PROCEDURE

12. Position the second end board into the truck caulking the edge of the board.
13. Position the last board into the truck by lifting upward on last center board and matching up ship laps together. Using props or heavyweight, push downward on these two center boards till they pop into position.
14. Check position of complete floor with the body.
15. Chalk lines on floor and mark boards to be drilled out. Use a 7/32" drill bit for 1/4" floor screws. Two screws per every cross member per every board. Floor screws are to stager the flanges. (Figure 3)
16. Install all screws.
17. Mark floor for all threshold routs.
18. Rout out flooring for thresholds.
19. Install all thresholds.
20. Clean out inside of truck body.
21. Tape off and hang paper around bottom rails of body for undercoating.
22. Undercoat body new flooring.
23. Put someone inside body and have someone else close the door to check for any daylight. (Figure 4)
24. Caulk and re-undercoat as needed with Manus-Prene 65A.
25. Break off bottom of floor screws at wheel pan areas both sides of body.



Figure 3.



Figure 4.

CTQ – Step 15
Depth spec of screws is 1/8" to 1/4" recess.

CTQ – Step 23
Maximum 1/8" gap between floor boards. (Figure 4)



Replacement of Front Top Connector

PROCEDURE

1. Punch centers out of monobolts across bottom of front top radius. (Figure 1)
2. Drill out monobolts using 13/64" drill bit.
3. Remove cam bolts across bottom of front top radius.
4. Remove connector.
5. Install foam tape on new connector. (Figure 2)
6. Install connector.
7. Using 1/4-20 x .62" bolts and 1/4-20 nuts re-bolt bottom edge of radius using cam bolts.
8. Monobolt top radius to connector with 0.19" stainless steel fasteners. (Figure 3)
9. Caulk connector with Quad gray sealant. (Figure 4)



Figure 1.

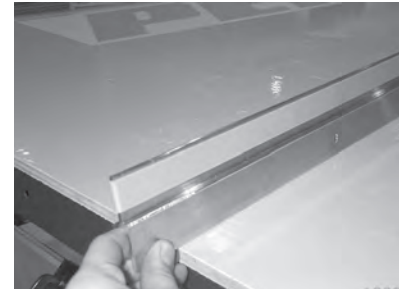


Figure 2.



Figure 3.



Figure 4.



Replacement of Front Top Radius

PROCEDURE

1. Punch out centers of all monobolts around top of front radius.
2. Drill out all old fasteners with 13/64" drill bit.
3. Remove old front top radius along with tape or caulking on connector post, corner caps, and roof sheet.
4. Install new adhesive tape on lip of top front connector and lips of roadside and curbside corner caps also front roof bow. (Figure 1)
5. Locate and install top radius onto the front panel connector using 3/16" monobolts. (Figure 2)
6. Drill a 3/16" hole while holding radius down on front roof bow at outer most sides roadside and curbside, and then fasten with 3/16" monobolts.
7. Drill across front roof bow 2" centers then fasten with 3/16" monobolts. (Figure 3)
8. Drill down the front lip of the roadside and curbside corner caps 2" centers then fasten with 3/16" monobolts. (Figure 4)
9. Apply 1" long bead of Quad gray sealant caulk to the seam between the top radius and front panel connector, and to the seam at the top radius and the roof. (Figure 4)

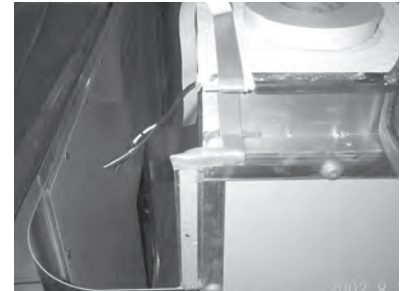


Figure 1.



Figure 2.



Figure 3.

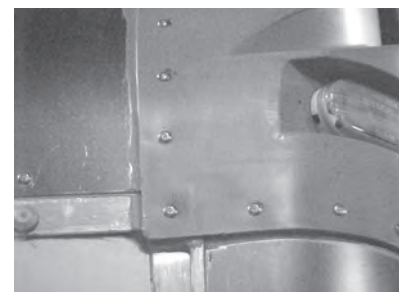


Figure 4.

CTQ – Step 4

Tape center must be in line with roof bow center. Tape must be on top of the caulk applied to the roof seam and top rail angles. Tape must make full contact with all surfaces. Tape end must be flush with the bottom edge of the top rail.

CTQ – General

Use OEM painted front radius only.



Top Rail Replacement

PROCEDURE

1. Drill out rivets along top rail lip at roof using 13/64" drill bit. (Figure 1)
2. Drill out rivets along top rail on side at skins using 13/64" drill bit.
3. Punch out center of monobolts at connector post front and rear of body at top rail. (Figure 2)
4. Drill out monobolts using 13/64" drill bit. (Figure 2)
5. Support roof bows on inside of body full length with props and 2" x 4" wood studs.
6. Chisel off roof bows rivets and punch out on inside of body. (Figure 2)
7. Remove marker lights from top rail.
8. Straighten roof crimp of roof sheet.
9. Remove top rail starting at rear.
10. Clean off caulking and or tape from skins.
11. Cut new top rail to proper length.
12. Install .62" x .75" single sided gray sealant tapes on back side of top rail along rivet line at skins and at roof lip of top rail.
13. Install top rail starting at front corner cap.
14. Back drill top rail from inside of body at the Z post top hole using 13/64" drill bit.
15. Install .19 stainless steel monobolts in those holes to hold top rail in place.
16. Back drill all other holes in skins using 13/64" drill bit.
17. Fasten roof bows on inside of body using 3/16" monobolts.



Figure 1.

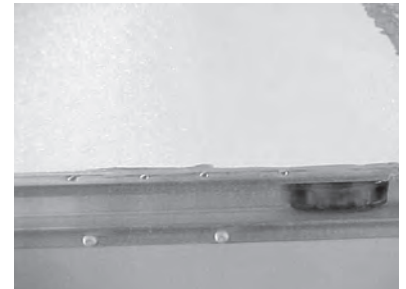


Figure 2.

CTQ – General
Splicing of the top rail is not acceptable.



Top Rail Replacement con't.

PROCEDURE

18. Rivet roof sheet to top rail by drilling 13/64" holes at old holes in roof sheet.
 19. Install 3/16" solid rivets in those holes and press them.
 20. Re-crimp roof to top rail alum roof only. Replace J-molding for translucent roof.
 21. Reinstall marker lights and wiring.
 22. With Quad gray sealant, Caulk top rail at skins, corner cap and rear.
 23. Remove proper and 2" x 4" wood studs from inside of body.
 24. Check inside of body for daylight.
-

Skirt Replacement

PROCEDURE

1. Remove fade away plugs and rub rail.
2. Cut skirting along center of where rub rail sits.
3. Replace with new piece, (Part #0244101), and clamp in place.
4. Refasten rub rail using bottom rail bolts.
5. Re-Glass two ends that are exposed past end of rub rail.
6. Paint re-glassed areas
7. Replace fade away plugs and edge cap.



MorganPlate® Skirt Replacement

PROCEDURE

1. Punch out center nails on all Monobolt rivets in MorganPlate panel being replaced. Use chipping hammer gun with punch installed. (Figure 1)
2. Drill out all Monobolts using a 3/16" drill with an 'F' bit.
3. Remove piece of MorganPlate and clean bottom rail making sure to clean back of rail so new MorganPlate panel will fit properly. (Figure 1)
4. Prep new MorganPlate panel by cutting it to size needed with circular saw with aluminum blade in it. Sand cut edge with D.A. sander. (Figure 1)
5. Install MorganPlate panel to bottom rail working top edge in back of rail. Hold into place with vise grips or C-clamps. Check for proper fit. (Figure 2)
6. Use a 3/16" drill with 'F' bit and drill holes at old holes in the bottom rail. Drill out every 4th or 5th hole. Install 3/16" Monobolts (Part # 055053) in these holes using a 3/16" Mono bolt gun. When finished go back and drill and install Monobolts in all holes. (Figure 2)
7. Install edge cap trim-lock GRY (Part #07645) on bottom edge of MorganPlate panel. Cut to size using tin snips. Wipe off and clean MorganPlate panel. (Figure 3)



Figure 1.



Figure 2.



Figure 3.



Roll Up Door Replacement

PROCEDURE

1. Open overhead door and push door forward towards front of body far enough to give access to door operator. Vise Grip door track so that door will not move. (Figure 1)
2. Release tension off the door operator. (Figure 2)
3. Remove the two door cables from the door.
4. Remove door stops from the end of the door track. (Figure 3)
5. With one person at each corner of the door push the door towards the front of the body and out of the horizontal track.
6. Standing the door on one side, roll the door up and remove from the body.
7. Check size of new door with old door.
8. Lift new door into rear of body and unroll door.
9. Install rollers into both sides of door.
10. With one person at each corner of the door, lift door up and guide door rollers into horizontal door track.
11. Install door stops back into door track.
12. Rewind door operator.
13. Remove all clamps and vise grips.



Figure 1.



Figure 2.



Figure 3.



Aluminum Skin Replacement

PROCEDURE

1. Using a chisel, knock off head of 3/16" solid rivets running up and down center of Z post where skin is fastened. (Figure 1)
2. Using a 3/16" drill bit, drill rivets out at seams running up and down skin, also left to right and top to bottom.
3. Punch out centers of 3/16" solid rivets running up and down skin in center Z post.
4. Remove skin.
5. Install adhesive tape on both Z posts where seams with other skins area, or connectors will be.
6. Install new skin making sure to slide under skin in front of one you are replacing. Also sliding under top rail.
7. Making sure holes in skin are in line with holes in Z post, spot rivet a couple rivets around skin.
8. Starting at top of center Z post, rivet down each post using 3/16" solid rivets. (Figure 2)
9. After center Z posts are riveted then move to seams starting at top rivet down. (Figure 2)
10. Now move to riveting across top and bottom.
11. Install any previous caulking that was on old skin.



Figure 1.

CTQ – Step 5

100% centered over holes with no skips or breaks.

CTQ – General

Patching of aluminum side skins is not acceptable.



Figure 2.



Rear Frame Replacement – Complete

PROCEDURE

1. Push overhead door forward towards front of body and clamp into place on the horizontal door track. (Figure 1)
2. Release the tension off the overhead door operator. (Figure 2)
3. Remove overhead door operator. (Figure 2)
4. Remove overhead door vertical track. (Figure 3)
5. Cut and/or unbolt rear step bumper from the rear frame assembly.
6. Cut and mark light wires.
7. Loosen rear roof closure from the rear frame.
8. Remove all marker lights and wiring from rear frame header.
9. Remove fasteners from connectors on both sides at rear frame area. (Figure 4)
10. Hook up crane to the rear frame header.
11. Remove bottom rail bolts that area in the rear frame on both sides. (Figure 4)
12. Remove floor screws from the rear sill. (Figure 4)
13. Remove rear frame.
14. Hook up new rear frame to the crane and lift into place.
15. Align rear frame to the side connector, bottom rails, flooring and top rails.
16. Install a few fasteners on both sides.
17. Check squareness of rear frame.



Figure 1.



Figure 2.



Figure 3.



Figure 4.

CTQ – Step 17

Check for squareness by measuring across the diagonals. Tolerance = $\pm 1/16$ "



Rear Frame Replacement – Complete con't.

PROCEDURE

18. Refasten connectors to new frame.
19. Reinstall bottom rail bolts.
20. Reinstall floor screws into rear sill.
21. Reinstall rear roof closure and refasten, caulk, and seal.
22. Reinstall top marker lights and wiring.
23. Refasten rear step bumper to the new rear frame.
24. Reinstall overhead door operator.
25. Reinstall vertical overhead door track.
26. Adjust overhead door tension on operator.
27. Remove clamps from horizontal overhead door track, and check operations of overhead door.
28. With Quad gray sealant, Caulk new frame at connectors.
29. Hook up light wires in rear frame post.



Rear Frame Corner Post Replacement

PROCEDURE

1. Remove marker lights and wiring from the side of the body on which you are replacing the post. (Figure 1)
2. Push overhead door forward towards the front of the body and camp into place. (Figure 2)
3. Loosen the vertical overhead door track from the rear frame corner post. (Figure 2)
4. Remove overhead door side seal.
5. Cut welds at side post to the header. (Figure 3)
6. Cut welds at side post to the rear bottom sill area. (Figure 4)
7. Remove all fasteners from the rear frame post to the side connectors.
8. Remove old corner post.
9. Grind and clean-up header and sill at welded areas.
10. Remove old caulking and sealant tape from the connector post.
11. Install new corner post; align with connector, header and bottom rear end sill.
12. Install a few fasteners to hold into place.
13. Tack weld to bottom sill and header.
14. Check squareness of rear frame.
15. Install rest of fasteners.
16. Weld post to header and bottom sill.
17. Refasten vertical overhead door track.
18. Remove clamps from overhead door track.
19. Check operation of overhead door.



Figure 1.



Figure 2.



Figure 3.



Figure 4.



Rear Frame Corner Post Replacement con't.

PROCEDURE

20. Reinstall overhead door side seal.
21. Reinstall marker lights and wiring.
22. Check lights.
23. Re-caulk, using Quad gray sealant, rear frame post.
24. Repaint header and bottom sill as needed.
25. Paint new rear frame post.

Side Door Replacement

PROCEDURE

1. Remove fasteners from side door hinge straps.
2. Remove side door from door frame.
3. Install new side door in door frame.
4. Make sure side door is evenly spaced in opening around perimeter of door.
5. Using side door hinge straps back drill holes through door panel.
6. Install new fasteners in side door hinge straps.
7. Check door for alignment.



Front Corner Radius Replacement

PROCEDURE

1. Using an air chisel punch the center out of the monobolts along perimeter of the radius. (Figure 1)
2. Using a 13/64" drill bit drill out the rivet heads along perimeter of radius.
3. Remove the corner radius.
4. Remove the old foam tape and sealant on the front and side connector.
5. Install new .62" x .75" single sided gray foam tapes. (Figure 2)
6. Install new corner radius using a punch to align holes in radius and connector.
7. With radius align with holes install a .19" stainless steel monobolt at the top and bottom of each connector to hold in place.
8. Finish installing monobolts along perimeter of radius and corner cap. (Figure 3)
9. Caulk and seal using Quad gray sealant. (Figure 4)



Figure 1.



Figure 2.

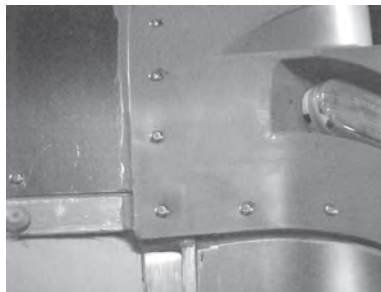


Figure 3.



Figure 4.



FRP Repair

PROCEDURE

1. Using 24 grit, grind edges to a tapered finish. This is similar to a welder's V notch. (Figure 1)
2. Apply Evercoat SMC fiberglass resin 865 and matting material. DO NOT use woven mat, use loose strand. (Figure 2)
3. After it dries, grind level using 36 grit. Be careful not to grind too deep, exposing the wood.
4. Apply Evercoat SMC panel adhesive 995 (Vette bond). Use this to fill pinhole, grind marks and low areas.
5. Sand level and finish with 80-grit sandpaper.
6. Primer surface and sand level using 320/400-grit sandpaper.
7. Paint and decal as needed.

Note: This method is used on both the inside and outside of the damaged FRP section.



Figure 1.

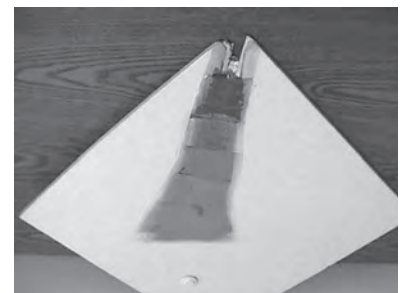


Figure 2.



MorganPlate® Panel Replacement

Tools Needed:

8" Milwaukee Steel Saw
 Mixing Tips
 Adhesive Gun
 Equalizer Oscillating Knife

Materials Needed:

There are four components used in the MorganPlate® Bonding Replacement Process:

- 1) Solvent for cleaning/prepping ship lap, acetone or Isopropyl alcohol.
- 2) Foam Tape to dam up adhesive, Ship Lap Tape
Morgan Part #0803456.
- 3) Lord Nozzle Tip
Morgan Part #080482
- 4) Lord adhesive 406/19 - work time 6-10 minutes @ 75°F / Clamp Time 1 hr. @ 75°F
Morgan Part Number #080478

Lord adhesive 410/19 - work time 20-45 minutes @ 75°F / Clamp Time 2 hr. @ 75°F,
 Morgan Part Number #080481

Misc. Materials

Duct Tape
 Cotton Rags

APPLICATION

- 1.0 Note:
 Follow all Morgan Truck Body OEM procedures for removing any/all interior and exterior components, before removing MorganPlate Bonded Panels

PROCEDURE

- 2.2 There are three steps to follow when replacing Bonded MorganPlate Panels

- 1) Examine Panel Damage
- 2) Panel Removal
- 3) Cutting Replacement Panel and Replacement Panel Installation

- 2.3 Mask off the seam with duct tape, to provide panel protection and reduce extra rework time. Apply two layers of tape opposite the ship lap edge that will be split with the Oscillating knife. This process does not need to be followed on the interior of the damaged panel as it will be discarded.

Carefully insert the Oscillating knife 1" into the bonded edge of the MorganPlate seam and split the adhesive/bond line by moving the knife through the adhesive. Start from the top and move down the panel.

- 2.4 Both the exterior and interior ship lap seams need to be separated for proper damaged panel removal...



MorganPlate® Panel Replacement con't.

2.5

MorganPlate® Panel 50"x89" Penske Yellow Part #06990350
MorganPlate Panel 50"x 101" White Part #0699009
These panels can be cut down if needed for both height and width –

Please note: For front or rear side panels you must cut the edge of the panel opposite of the ship lap that will be joined to the existing panel on the body. The ship lap edge must be used in joining the panels together.

2.6

Measure panel size to ensure proper replacement fit.

Use 8" Milwaukee Steel Saw and cut to proper replacement panel height

Remove all old tape and loose adhesive from the panel that you will be bonding the new panel to. Solvent wipe the existing panel's ship lap edge.

Apply tape to ship lap edge to both the existing panel and the replacement panel.

Clean surface to be bonded with Acetone or Isopropyl alcohol

Apply bonding tape to ship lap edge.

Apply one 3/16" bead each of adhesive to the replacement panel and to the existing panel ship lap.

The ratchet style load bar works the best when adjusting to proper clamp pressure.

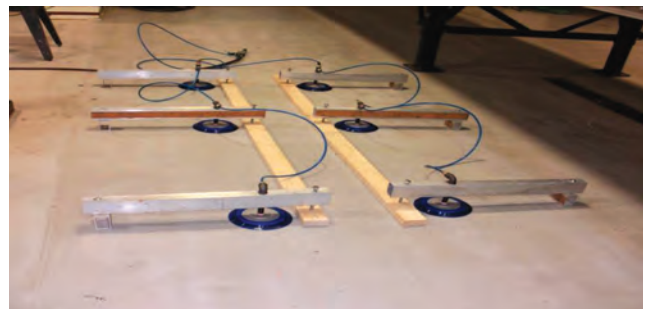
Let each bonded ship lap seam set for (1) hour at 70° degrees, more if the temperature is below 70° or less if temperature is above 70° degrees.

Interior vacuum clamp for bonding MorganPlate Ship Lap seam.

Exterior vacuum clamp for bonding MorganPlate Ship Lap Seam.

Where to get Tools & Materials

- 8" Milwaukee Steel Saw Model 3WE48 Part #6379-20 or #6379-21 can be purchased at any local Granger Tool Supplier.
- Lord Ship-Lap Adhesive, Mixing Tips, Adhesive Gun and Ship Lap foam Tape V71216 3/16" X 200' Roll. Morgan Parts
- Equalizer Oscillating Knife – If needed call Morgan Parts for pricing



MorganPlate® Panel Patch

PROCEDURE

2.1 Remove damaged section of MorganPlate® using a jig saw.

- 1) Mark size out on panel and square off. Install masking tape around outside to protect remaining panel from saw marks. See Fig. 1.



Figure 1.

- 2) Drill a 3/8" hole in all 4 corners to allow clearance for jig saw blade. Cut hole out using the jig saw. See Fig. 2.

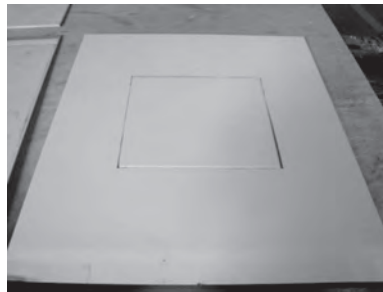


Figure 2.

2.2 Fit new section into hole.

- 1) Clean up edges of hole using sand disc or file.
- 2) Cut a section of new panel approx 1" larger than hole size. See Fig. 3.
- 3) Hold new section into hole and trace out size of hole.
- 4) Cut new panel to size using jig saw or metal cutting saw.

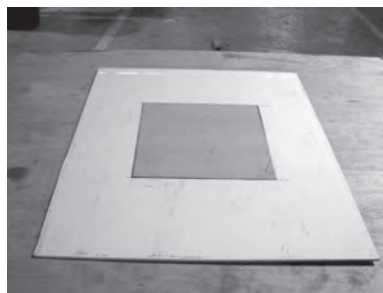


Figure 3.

2.3 Cut aluminum backing skin .038 or .040.

- 1) Cut aluminum backing skin 2" larger than hole size. See Fig 4.
- 2) Clean all surfaces with acetone or isopropyl alcohol.

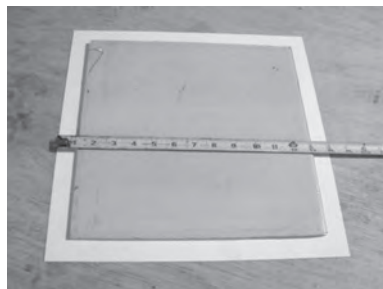


Figure 4.

Tools Needed:

- Metal cutting saw
- Jig saw
- Shoring bars
- Plywood
- Air drill & 3/8" bit
- Grinder
- Sander
- Clean-up rags

Materials Needed:

- MorganPlate®
- Aluminum skin .038 & .040
- Acetone or Isopropyl alcohol
- Lord 406 adhesive Morgan #080478
- Lord nozzle tip Morgan #080482
- Lord 406 fast adhesive gun
- Body filler
- Final fill or rod lead
- Masking tape or duct tape



MorganPlate® Panel Patch con't.

2.4 Glue backing plate and panel.

- 1) Mark inside of body 1" around cut out. This is to help line up the patch.
- 2) Glue aluminum backing plate to new panel and press together with clamps or weight. Let dry for approx. 1 hour.
- 3) Glue around the 1" edge of the aluminum backing plate next to patch. See Fig. 5.
- 4) Install patch into hole use shoring bars and plywood to press outward to hold into place. Let dry for 1 hour. See Fig. 6.

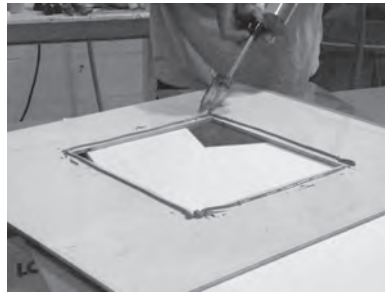


Figure 5.



Figure 6.



Figure 7.

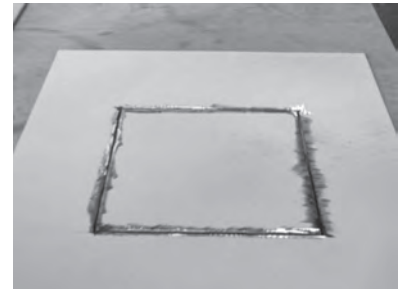


Figure 8.

2.5 Remove shoring bars and plywood.

2.6 Clean up outside of patch.

- 1) Sand / grind outside edges approx. 1" around seams. See Fig. 7 And Fig. 8.
- 2) Mix up body filler and install it around edges using putty knife or squeegee. See Fig. 9.
- 3) After filler dries, sand down and touch up with red lead or final fill putty. Sand with final sand disc or paper. See Fig. 10.



Figure 9.

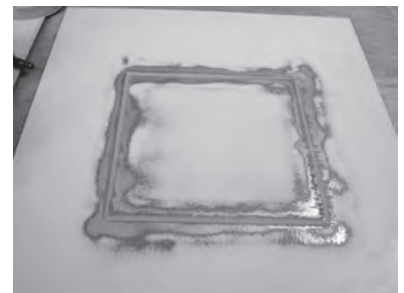


Figure 10.



Figure 11.

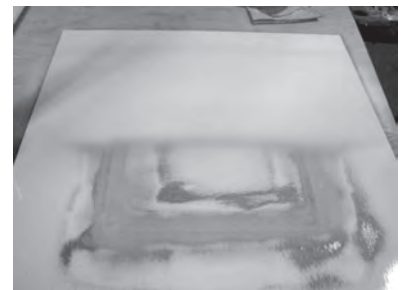


Figure 12.

2.7 Prep and paint as needed. See Fig. 11 And Fig. 12.



Sun Patch Installation

PROCEDURE

1. Identify damaged area.
2. Using 60 grit sand paper sand an area equal to the size of the patch until the embossment is no longer visible and the area has a uniform dull appearance. A single patch is 12" x 12".
3. Remove dust from sanded area with a dry cloth
4. If surface is contaminated with grease or oil, clean with a solvent such as Acetone.
5. On back side (or inside) of the damaged area apply a packing tape or masking tape to seal the repair area and prevent air from entering the patch from the back side.
6. Take the repair bag and open it by cutting the edges from the foil patch.
7. Remove smooth film from the back side of the patch.
8. Lay the smooth side of the patch over the abraded area on the exterior side of the roof so that the embossed side of the patch is facing up.
9. Use a squeegee to work the resin on the embossed side of the patch from the center to the edges until a small amount of resin is squeezed out around the perimeter of the patch.
10. Once patch is exposed to sunlight it will cure in 10-20 minutes.
11. Check the patch to see if it is cured. This is denoted by the patch being hard to the touch and resin not covered by the film will feel tacky.
12. Remove the embossed film by peeling it off.
13. Remove any tape from the bottom side of the panel.
14. Expose resin side of foil pouch to sunlight to cure for proper disposal.

Note:

Be Sure to wear Proper Personal Protective Equipment for installation.

CTQ – General

DO NOT PERFORM REPAIR IF IT IS RAINING.

Excessive moisture prevents proper drying and curing of patch.

CTQ – Step 2

Patches require 3" of the patch to extend past the edge of the hole in every direction in order to be effective. A patch may be cut smaller and be made into two provided the 3" requirement is met on both sides to be patched. A hole larger than 6" in diameter requires replacement of the roof in whole. Roof sectioning is not an approved method of repair.

CTQ – Step 5

Only applies to standard translucent roofs only. Aluminum roofs must be replaced if punctured.

Note – Step 6

Patch will begin to cure immediately upon exposure to sunlight. Only open patch kit when you are ready to apply it.



GM G-Series Cab Seal Repair

MP00007SP GM

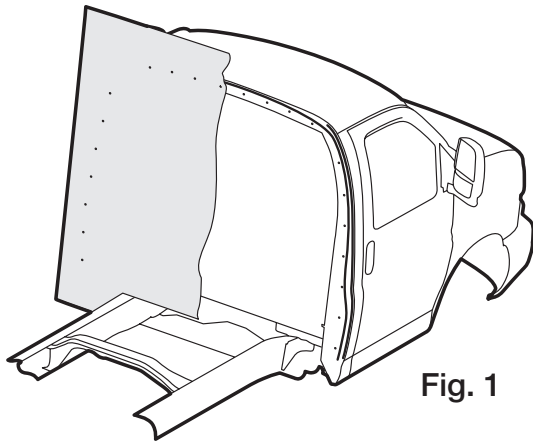
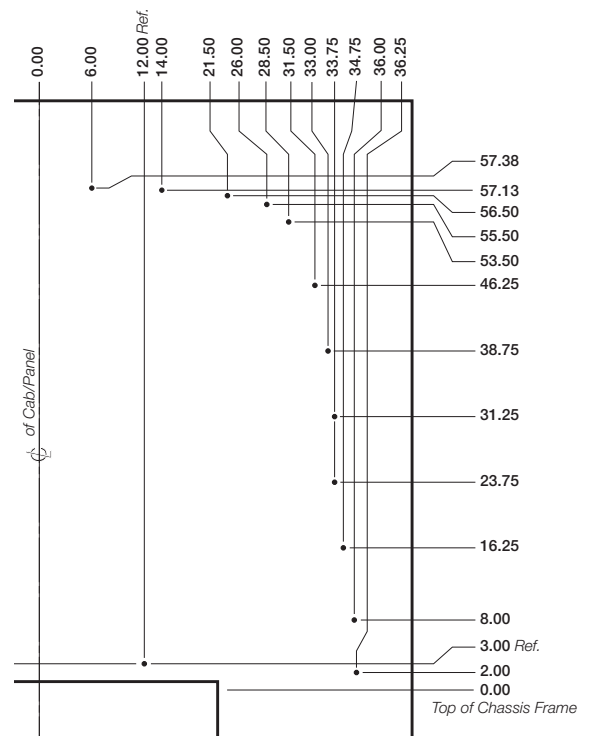


Fig. 1

1. Installation for seals and front panel of parcel van to chassis. Installation applicable for field repair or replacement of cab seals; hole pattern shown is offset from Morgan-manufactured hole pattern to maintain proper hole diameter tolerance. (Fig. 2) Front panel shown for reference only; see body specifications for front wall options. Drawing applicable to various parcel van bodies on GM G-series cutaway chassis. Read and understand all instructional notes and details before proceeding with installation. (Fig. 1)
2. Protect/remove/relocate any chassis components (wiring, headliner, trim, etc.) that could be damaged during drilling operation.
3. Temporarily locate assembled front wall or body on chassis. Do not fully mount body to chassis frame. Front wall panel must be flat on cab.
Note: Some cabs may be misaligned on chassis frame.

4. Using a short length drill bit and/or drill stops that restrict drill depth to 1.00" Or less, drill cab mounting holes per hole locations shown. If originally Morgan-manufactured pre-drilled front wall panel is to be reused, use existing pre-drilled holes as a template; however, some holes in front wall panel may not be used for cab mounting; note these holes before or during body demounting or see other applicable body drawings if available. Reference holes shown may vary in location depending on actual front wall and subframe.
5. Remove front wall/body from chassis cab.
6. Clean cab surfaces with 50:50 mix of isopropyl alcohol/water prior to installing seals.
7. Apply caulk at cab corner sheet metal overlap and smooth as flat as possible and allow to skin before applying seals.
8. Apply a continuous length of the primary teardrop-shaped rubber seal to the cab flange with the inner edge of the seal .50" outboard of the centerline of the drilled cab holes. Install "teardrop" seal around the perimeter of the roof area of the cab. The seal should be located 0" to 1/4" from inside edge of radius of outer edge of cab flange at roof. Do not install seal outside the cab flange radius at the roof. End the seal 5" from the bottom of cab, or at bottom of front panel if panel is higher.
9. Install secondary "D-shaped" foam seal on cab flange on the sides only starting at the top corner following the cab outer contour to same height as primary seal as shown. Seal should be located 0" to 1/4" from inside edge of radius of outer edge of cab flange.
10. Install trim-lock edge/bulb seal full width on chassis cab floor flange.
11. Apply additional "D-shaped" foam seal horizontally on bottom length of chassis flange from teardrop seal to trimlock edge/bulb seal.
12. Apply pressure or roll entire length of seals after seal installation.
13. Apply a bead of caulk where all seals meet. Close off open end of "D" seal at top cab corner. Do not caulk gap at bottom between primary teardrop-shaped rubber seal and secondary "D-shaped" foam seal.
14. Apply adhesive on front wall panel surface facing cab at all mounting holes and secure 1/16" thick washer/spacer over holes to avoid over-compressing seals.
15. Remount front wall or body to chassis with cab mounting holes aligned.
16. Install fasteners inward of both seals at hole locations on panel.
17. Apply caulk across the cab roof between the front panel and the cab. Caulk is to be evenly applied across cab roof from rain gutter to rain gutter. Caulk is not necessary on sides below rain gutters.
18. Reinstall chassis cab components previously removed.

Fig. 2



Ford E-Series Cab Seal Repair

MP00006SP FORD

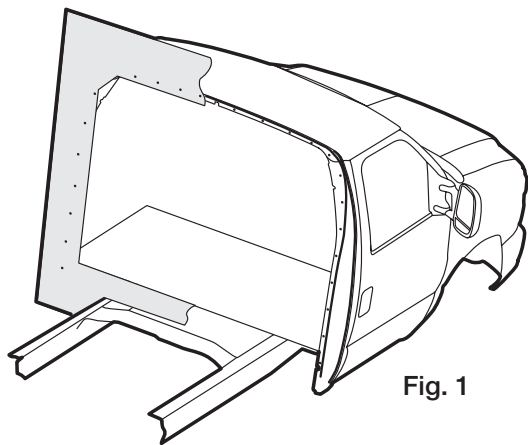
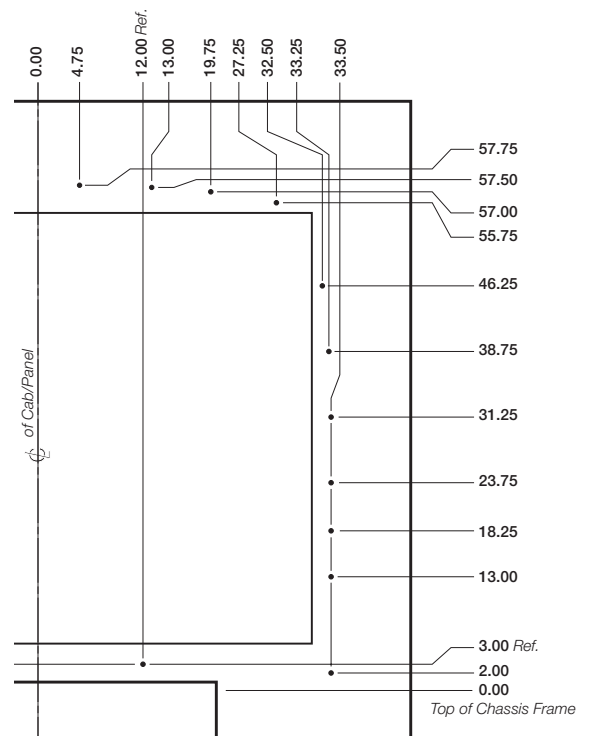


Fig. 1

1. Installation for seals and front panel of parcel van to chassis (Fig. 1). Installation applicable for field repair or replacement of cab seals; hole pattern shown (Fig. 2) is offset from Morgan-manufactured hole pattern to maintain proper hole diameter tolerance. Front panel shown for reference only; see body specifications for front wall options. Drawing applicable to various parcel van bodies on ford e-series cutaway chassis. Read and understand all instructional notes and details before proceeding with installation.
2. Protect/remove/relocate any chassis components (wiring, seat belt, headliner, trim, etc.) that could be damaged during drilling operation.
3. Temporarily locate assembled front wall or body on chassis. Do not fully mount body to chassis frame. Front wall panel must be flat on cab. Note: Some cabs may be misaligned on chassis frame.

4. Using a short length drill bit and/or drill stops that restrict drill depth to 1.00" Or less, drill cab mounting holes per hole locations shown. If originally Morgan-manufactured predrilled front wall panel is to be reused, use existing predrilled holes as a template; however, some holes in front wall panel may not be used for cab mounting; note these holes before or during body demounting or see other applicable body drawings if available. Reference holes shown may vary in location depending on actual front wall and subframe.
5. Remove front wall/body from chassis cab.
6. Clean cab surfaces with 50:50 mix of isopropyl alcohol/water prior to installing seals.
7. Apply caulk at cab corner sheet metal weld gully and smooth as flat as possible and allow to skin before applying seals.
8. Apply a continuous length of the primary teardrop-shaped rubber seal to the cab flange with the inner edge of the seal .50" outboard of the centerline of the drilled cab holes. Install "teardrop" seal around the perimeter of the roof area of the cab. The seal should be located 0" to 1/4" from inside edge of radius of outer edge of cab flange at roof. Do not install seal outside the cab flange radius at the roof. End the seal 5" from the bottom of cab, or at bottom of front panel if panel is higher.
9. Install secondary "D-shaped" foam seal on cab flange on the sides only starting at the top corner following the cab outer contour to same height as primary seal as shown. Seal should be located 0" to 1/4" from inside edge of radius of outer edge of cab flange.
10. Install trim-lock edge/bulb seal full width on chassis cab floor flange.
11. Apply additional "D-shaped" foam seal horizontally on bottom length of chassis flange from teardrop seal to trimlock edge/bulb seal.
12. Apply pressure or roll entire length of seals after seal installation.
13. Apply a bead of caulk where all seals meet. Close off open end of "D" seal at top cab corner. Do not caulk gap at bottom between primary teardrop-shaped rubber seal and secondary "D-shaped" foam seal.
14. Apply 2" approx. square piece of sealing tape over factory cab flange cutouts/holes that are between the primary & secondary seals.
15. Apply adhesive on front wall panel surface facing cab at all mounting holes and secure 1/16" thick washer/spacer over holes to avoid over-compressing seals.
16. Remount front wall or body to chassis with cab mounting holes aligned.
17. Install fasteners inward of both seals at hole locations on panel.
18. Apply caulk across the cab roof between the front panel and the cab. Caulk is to be evenly applied across cab roof from rain gutter to rain gutter. Caulk is not necessary on sides below rain gutters.
19. Reinstall chassis cab components previously removed.

Fig. 2



Repair Time Estimating Guide

The following information is based on the conditions of Morgan’s Service Departments capabilities. We hope this guide will help you in setting labor standards in all of your authorized service centers. These hours are based on per price item, replacement where volume interconnecting parts occur, please beware of overlap.

GVSD Bodies

Consumer and Daily Rental

Description	Estimated Repair Time
Front Corner Cap	2.50
Front Top Radius	3.00
Front Aluminum Skin Panel**	5.00
Front Corner Radius	2.50
Top Rail - 20' and 22'	7.35
24' and 25'	8.00
26'	9.00
Roof Sheet - 20' and 22'	11.00
24' and 26'	13.00
Rear Closure Strip	0.75
J-Molding	1.25
Front Roof Bow	1.25
Intermediate Roof Bow	0.25
Front Horizontal Connector	1.50
Front, Rear and Side Connector	1.50
Front Bottom Rail**	3.00
Side Bottom Rail	0.50
Add for Side Door	1.00
Z-Post (Only)	2.00
Tie Slat (per row)	0.70
Wood Scuff (per row)	0.90
Aluminum Skin Panel Replacement**	5.00
Each Additional Interconnecting Panel	4.00
Rear Header	12.00
(includes removal and reinstall of door operator)	
Rear Corner Post	8.00
Aluminum Rub Rail	2.00
Complete Rear Drop in Door	5.75
Bottom Door Panel with Hardware	1.00
Bottom Door Panel Transfer Hardware	3.50
Intermediate Door Panel	2.00
Top Door Panel	1.50
R&R Vertical Door Track	3.00
R&R Rear Overhead Door	3.50
Rear Bottom End Plate	8.00
Dock Bumper	0.50
Side Door Post/Frame	6.00
Rain Gutter	1.50
Side Door Panel (Includes transfer hardware)	8.00
Side Door Single Step	0.50
Side Door Double Step (Bustin)	1.00
Box Removal and Re-install with Gate	8.00
Box Removal and Re-install without Gate	6.50

GVSD Bodies Con't.

Consumer and Daily Rental

Description	Estimated Repair Time
Flooring (Up to 10 feet, per foot)	0.60
Flooring (10 feet and over. per foot)	0.50
Complete Rear Bumper Assembly	8.50
Walk ramp Replacement Only	1.50
Complete Walk Ramp Replacement	8.00
Replace (1) Piece of Plywood Liner	1.00
Replace (1) Rear Swing Panel Door & Seals	8.50
Replace (1) Swing Door Hinge	1.00
Replace (1) Swing Door Locking Rod	1.50
Replace Swing Door Handle	0.40
Replace Swing door Handle	0.40
Replace Swing Door (Seal Only)	2.50

**Box must slide back to replace these components

Overlap Deductions

Radius to Front Top Connector	-0.50
Radius to Starter Roof Bow	-0.50
Front FRP Panel to Vertical Connector	-0.70
Front Corner Radius to Corner Cap	-0.70
20' to 22' Top Rail with Roof Sheet	-1.50
24' Top Rail with Roof Sheet	-1.75
25' Top Rail with Roof Sheet	-2.25
26' Top Rail with Roof Sheet	-2.25
Z-Post with Aluminum Skin	-1.00



PVMD Bodies

Consumer and Daily Rental

Description	Estimated Repair Time
Front Corner Radius	2.50
Front Panel (R&R box)	16.00
Front Corner Cap	2.50
Front Top Alum Radius	3.00
Front Top Horizontal Connector	1.50
Front and Side Connector (Vertical)	1.50
Front Corner Post	3.00
Top Rail - PV	4.50
Roof Sheet	6.00
Starter Roof Bow	1.25
Intermediate Roof Bow	0.25
Rear Roof Closure Strip	0.75
Rain Gutter	1.50
Rear Header	12.00
Rear Corner Post	8.00
FRP Side Panel – PV (Includes remove and reinstall of slats and rub rail)	12.00
Aluminum Rub Rail (Each)	2.00
Complete Drop in Rear Door	5.75
Bottom Door Panel W/Hardware	1.00
Bottom Door Panel Transfer Hardware	3.50
Intermediate Door Panel	2.00
Top Door Panel	1.50
R&R Vertical Door Track	3.00
R&R Rear Overhead Door	3.50
Rear Bottom End Plate	8.00
Floor Plywood Each Section	4.00
Floor Plywood (Cut to Fit)	4.50
Dock Bumper	0.50
Tie Slat	0.75
Rear Bumper	1.00
Filler Panel	0.50
Quickie Box – PV	0.50
MorganPlate Panel Replacement	
1st Panel	6.00
Adjacent Panels	5.00

GVFD/GVMD Bodies

Consumer and Daily Rental

Description	Estimated Repair Time
Front Corner Cap	2.50
Front Top Radius	3.00
Front FRP Panel	8.00
Front Corner Radius	2.50
Top Rail - 20' and 22'	7.35
24' and 25'	8.00
26'	9.00
Roof Sheet - 20' and 22'	11.00
24' and 26'	13.00
Rear Closure Strip	0.75
J-Modling	1.25
Front Roof Bow	1.25
Intermediate Roof Bow	0.25
Front Horizontal Connector	1.50
Front, Rear and Side Connector	1.50
Front Bottom Rail	3.00
Rain Gutter	1.50
Side Bottom Rail (per foot)	0.25
Add for Side Door	1.00
Z-Post (each)	1.00
Tie Slat (per row 16' section)	0.75
Wood Scuff (per row 16' section)	0.75
FRP Panel Replacement	22.00
(Includes removal and reinstall of door operator)	12.00
Rear Corner Post	8.00
Aluminum Rub Rail	4.00
Complete Rear Drop in Door	5.75
Bottom Door Panel with Hardware	1.00
Bottom Door Panel Transfer Hardware	3.50
Intermediate Door Panel	2.00
Top Door Panel	1.50
R&R Vertical Door Track	3.00
R&R Rear Overhead Door	3.50
Rear Bottom End Plate	8.00
Dock Bumper	0.50
Side Door Post/Frame	6.00
Side Door Panel (Includes transfer hardware)	8.00
Side Door Single Step	0.50
Side Door Double Step (Bustin)	1.00
Quickie Box (Consumer Only)	0.50
Box Removal and Re-install with Gate	8.00
Box Removal and Re-install without Gate	6.50
Flooring (Up to 10 feet, per foot)	0.60
Flooring (10 feet and over, per foot)	0.50
Complete Rear Bumper Assembly	8.50
Walk ramp Replacement Only	1.50
Complete Walk Ramp Replacement	8.00
MorganPlate Panel Replacement	
1st Panel	6.00
Adjacent Panels	5.00



Recommended Replacement Part Requirements for Repair Facilities

The following is a listing of parts and quantities that are recommended by Morgan as a minimum replacement parts inventory for all repair facilities.

Item No.	Description	Quantity	Part No.
1	1" x 92" Front Roof Bow	6	019083
2	1" x 92" Intermediate Roof Bow	24	0190330
3	1" x 98" Front Roof Bow	4	0192404
4	1" x 98" Intermediate Roof Bow	24	0190340
5	1.88" x .5" Fast RV Alum B/H	1000	05412
6	1/4" Stainless Steel Monobolts	250	055054
7	10' Walk-ramp	2	3000623
8	14' Walk-ramp	2	3000624
9	3/16" Stainless Steel Monobolts	250	055053
10	AC 2" Ball Class 4 Stamped 6000#	2	078942
11	Angle Steel GALV Corner E-Track 5.31	6	101755
12	Wood Slats, .75"x2.62"x123.44"	10	0219865
13	Bolt, Truss Head 14-20 x.31	200	051047
14	Corner Cap Kit – C/S	10	6266416
15	Cargo Control E-Track 5.31" x 120"	10	079752
16	Clearance Light – Red – 2015 and Newer	5	46001291
17	Clearance Light – Yellow – 2015 and Newer	3	46001290
18	Corner Radius Liner	4	066191
19	End Cap	12	006972
20	Front Corner Radius – PVMD	10	0065363
21	Front Corner Radius – 109"	10	00660
22	Front End Plate (2013 16'-6" PV)	1	1285282
23	Front Roof Bow (2006 and Newer)	4	0192403
24	Front Top Connector (2006 or Newer) GFVD/GVMD	6	1623007
25	Front Top Radius for 102" wide Bodies	3	13502
26	Front Top Radius for 96" wide Bodies	6	13500
27	GVMD/GVFD Top Rail (2006 or Newer - Commercial Bodies) (325")	4	00033901
28	Translucent Roof .062" x 102"	250' min	066443801
29	GVMD/GVFD 301" Bottom Rail	4	1403809
30	GVMD/GVFD Side Alum Connector Post	8	001481
31	GVSD 301" Bottom Rail	4	000785
32	GVSD Side Alum Connector Post	8	00165
33	Hitch Assembly (2008 GMC and newer 16'-6" PV)	1	HIT2104
33A	Hitch Assembly (2008 Ford and newer 16'-6" PV)	1	HIT2107
34	J-Molding	20	003951
35	L/HW Off Set Rod GD 7502-2 GALV	4	087095
36	L/HW Off Set Rod GD 7502-3 GALV	4	087096
37	Lower Header Rear Frame (Commercial 102" wide Models)	1	11216902
38	Lower Header Rear Frame (Commercial 96" wide, 22' & 26' Models)	2	11216913
39	Lower Header – PVMD	1	11218739
40	MorganPlate Yellow 48" x 102"	2	06990278
41	MorganPlate White 48" x 112"	2	06990279
42	Nut – Encapsulated Gray, 1/4-20	200	0520210
43	Plate Steel GALV Splice 5.31" x 5.3"	10	10675
44	Post Filler GVFD 95"	2	004025
45	Post Steel Z .81" x 107" - GVFD Models	25	01913063



Recommended Replacement Part Requirements for Repair Facilities Con't.

Item No.	Description	Quantity	Part No.
46	Post Steel Z 107" - GVSD Models	25	A0000119
47	Corner Cap Kit – R/S	10	6266516
48	Rear Backup Lights - LED	2	0402780
49	Rear Bumper	1	1036225
50	Rear Closure Assembly	1	1167435
51	Rear Closure Strip - Roof - 101.50"	10	143821
52	Rear End Plate (22' & 26' Consumer Models)	1	107663100
53	Rear Frame Post Reinforcement Insert (Commercial)	2	104720
54	Rear Grab Handle	2	087919
55	Rear S/T/T Taillights	2	0402783
56	Roof Tape	200'	080344
57	Rub Rail End Cap	12	006972
58	Rub Rail, 320"	6	0045597
59	Screws for Tie Slats and Plywood	250	05309
60	Side Door Lock Kit (Commercial)	2	087726
61	Side Door Step (Commercial Models)	2	45600954
62	Stainless Steel Bottom Rail Bolt	100	0511951
63	Stainless Steel Bottom Rail Nut	100	05205
64	Top Rail 283" PVMD	4	000507
65	Top Rail 325" GVSD units 2006 and Newer	4	00015904
66	Touch-up Paint Black (Spray)	12	0985070
67	Upper Header Rear Frame (Commercial 102" wide models)	1	112169206
68	Upper Header Rear Frame (Commercial 96" wide models)	2	1121692
69	Walk Ramp Carrier HA - 400	1	3000304
70	Walk Ramp Closure Plate SA HA - 400	1	10139819
71	Walk-ramp Blocks	4	077034
72	Walk-ramp Handles	10	077036
73	Walk-ramp slide	4	077038
74	Cap Closure	4	1040538
75	Top Rail Rear Closure	4	143901
76	Rub Rail Bolt	As Req'd	051047
77	Manus-Prene Caulk (Roof Bows)	8	08017
78	Top Rail Bolt	As Req'd	051048
79	4-Way Plug Adaptor	4	043962
80	Panel Edge Cap Trim (250 Ft Roll)	250	07645
81	Lords 406 Adhesive (380ML Tube)	6	080478
82	Lords Adhesive Nozzle	6	080482
83	Single Sided Adhesive Tape	As Req'd	0803456
84	Applicator Gun	1	080483
85	Lower Skirt - Yellow (C/S)	2	06990385
86	Rear Lower Skirt - Yellow (R/S)	2	06990386
87	Bottom Rail with Skirt (C/S and R/S)	2	14038380
88	Lower Front Corner Radius (R/S)	4	0065714
89	Bottom Rail Corner Radius (R/S)	4	1403845
90	Front Bottom Rail – GVMD	2	1410163
91	Lower Front Corner Radius (C/S)	4	0065715
92	Bottom Rail Corner Radius (C/S)	4	1403846
93	Aluminum Skin, .4x49"x120"	4	20022
94	Front Bottom Rail Unpunched	1	0010151

