

2026 CATALOG

D. A. INTERNATIONAL CASTING CO.

Your Link to the International Market
Rail Car Division





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**“Our
philosophy has
always been ‘No
job is ever too
small,’ and we
stand by that
today, 29+ years
later.” -**

**D.A.Kerrigan
CEO/President**

In 1996, David Alan Kerrigan founded D.A. International Casting Company. He started with nothing more than a vision of a successful casting business, a dedication to customer service, and a small rented space in central Ohio. With a couple of sand casting samples, and one potential customer, David began his quest to forge his way in the casting industry.

Today, D.A. International Casting Company has grown to serve over 800 customers and stocks over 1,100 different products—including an extensive supply of railcar replacement parts. David attributes part of this success to the purchase of Wine Railcar from Racine Steel. Since 1903, Wine Railcar has provided top quality castings to the railroad industry.

Over the years, D.A. has expanded their products to include premium investment castings, forgings, stampings and fabrications. This extensive inventory allows the company to now accommodate multiple markets, such as the railroad industry, mass transit, agriculture, heavy trucking, mining and telecommunication.

Visit D.A. International Casting Company’s state of the art 100,000 square-foot facility in Mansfield, Ohio, full of OEM and custom stock. See for yourself why we are an industry leader that is excited to meet your company’s specific needs.

QUALITY POLICY

Quality at DA International Casting Company is a fundamental business commitment.

Our goal is to become the best in the international marketplace in which we participate.

We are committed to providing our customers with the highest quality products and services, on time, at the best possible value.

It is DA International Casting Company's policy for all DA personnel to meet and exceed the requirements stated in our Quality Manual;

**Quality Products, Backed By Quality Service
& a Commitment to Excellence!**



David A Kerrigan
President / CEO

The management of D. A. International Casting Company has formulated this policy. The policy is understood, maintained and implemented at all levels of the organization. Its focus is D. A. International Casting Company's organizational goals and the expectations and the needs of our customers. The policy is explained and discussed at general orientation training given to all existing and new employees. The policy is also posted in conspicuous locations throughout the company.

Meet Our Team

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David Kerrigan
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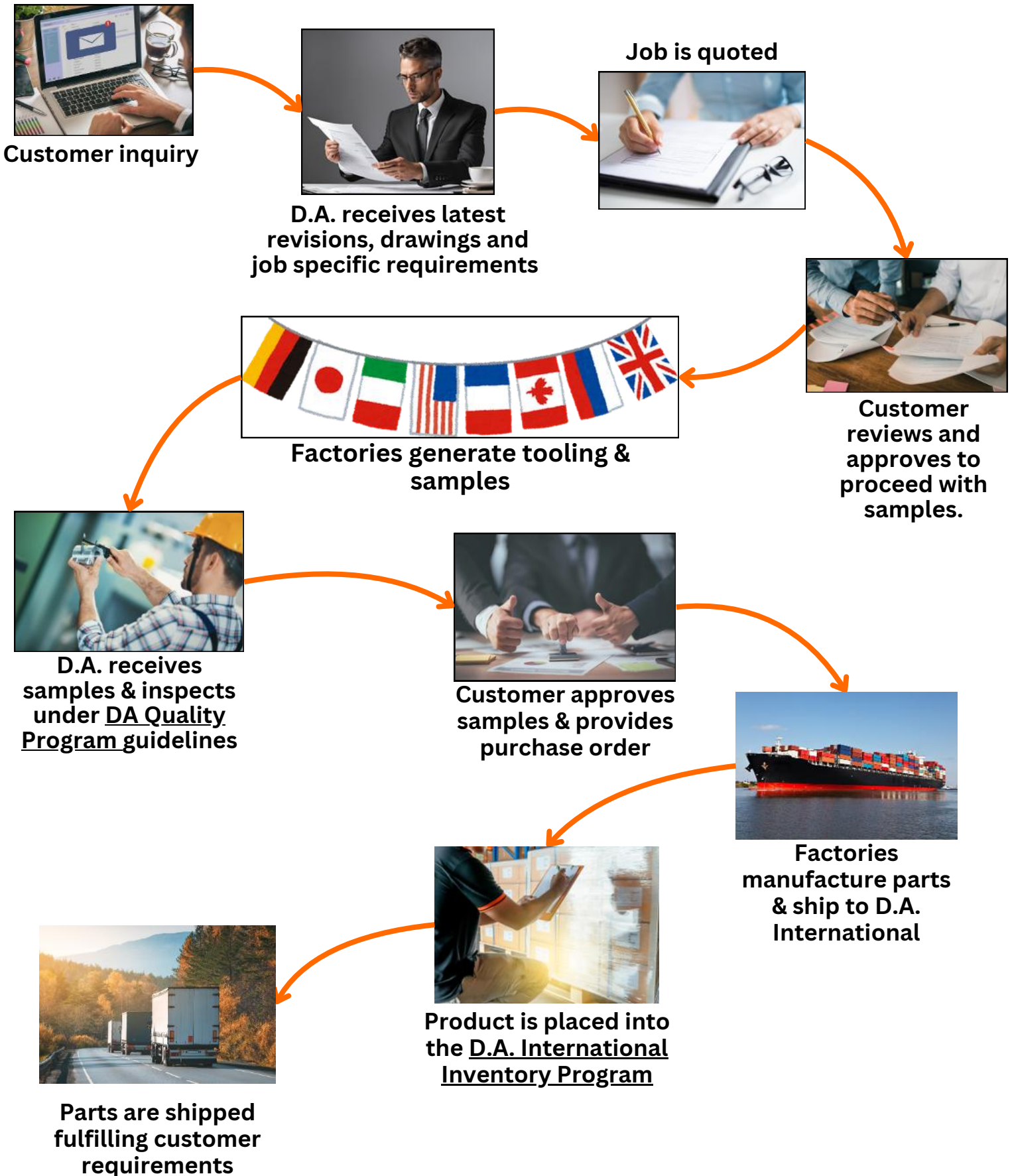


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Flow Chart



**Qualified Customers are placed in a D.A. International Inventory Program*
-On time delivery while maintaining customer inventory-*

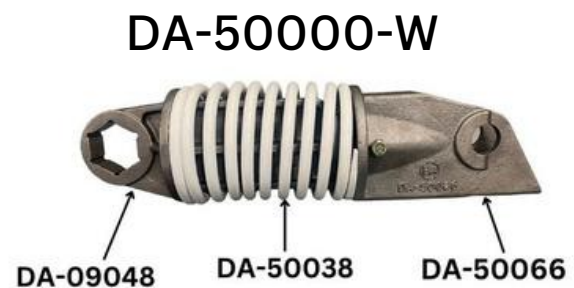
Compressed Spring Assist Parts

We now offer pre-compressed spring assist assemblies specifically designed for rapid discharge open top hopper cars.

Key Benefits:

- Convenience: Our spring assemblies come pre-pinned and ready for immediate application, significantly simplifying the installation process.
- Time-Saving: Customers will experience a faster and more efficient setup, allowing for quicker deployment of railcars.

Compressed Spring Assist #1



D.A. Pt #	Alt Pt #	Description
DA-50066	093-40047	Bracket Cap for Spring Guide
DA-09048	50067	Spring Guide and Stop
DA-50038	131-40121	Spring for Spring Assist (White)
DA-14123	131-40123	Spring for Spring Assist (Green)

Compressed Spring Assist #2



D.A. Pt #	Alt Pt #	Description
DA-50039	093-40028	Spring Guide
DA-50034	50034	Spring Guide Adjustment Plaste
DA-50038	131-40121	Spring for Spring Assist (White)
DA-14123	131-40123	Spring for Spring Assist (Green)

Spring Assist Parts



Spring Assist #1

D.A. Pt #	Alt Pt #	Description	Pg #
DA-09048	093-40048	Spring Guide Stop	66
DA-50066	093-40047	Spring Guide Bracket Cap	66
DA-50068	093-40049	Eccentric Nut	41
DA-50069	093-40050	Spring Assembly Bracket	65
DA-50070	093-40051	Lug for Spring Assist	57
DA-50090	MB-253-5090	Headed Pin	43

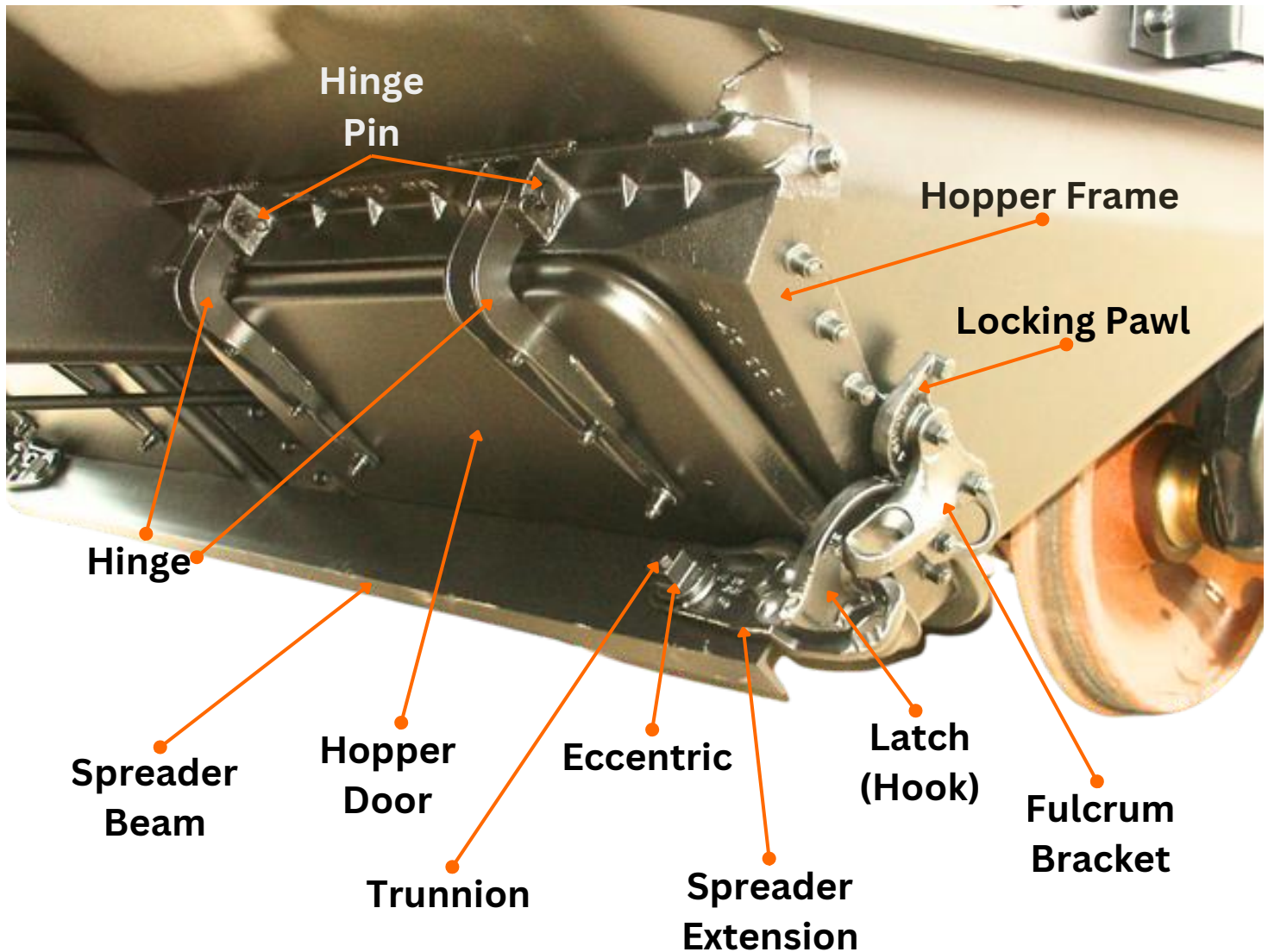


Spring Assist #2

Spring Assist #2

D.A. Pt #	Alt Pt #	Description	Pg #
DA-50030	093-40030	Spring Fulcrum	42
DA-50034	093-40026	Spring Adjustment Plate	65
DA-50039	093-40028	Spring Guide	65
DA-50040	093-40029	Spring Guide Bracket	65
DA-12545	DA-11746	Hinge Pin	43

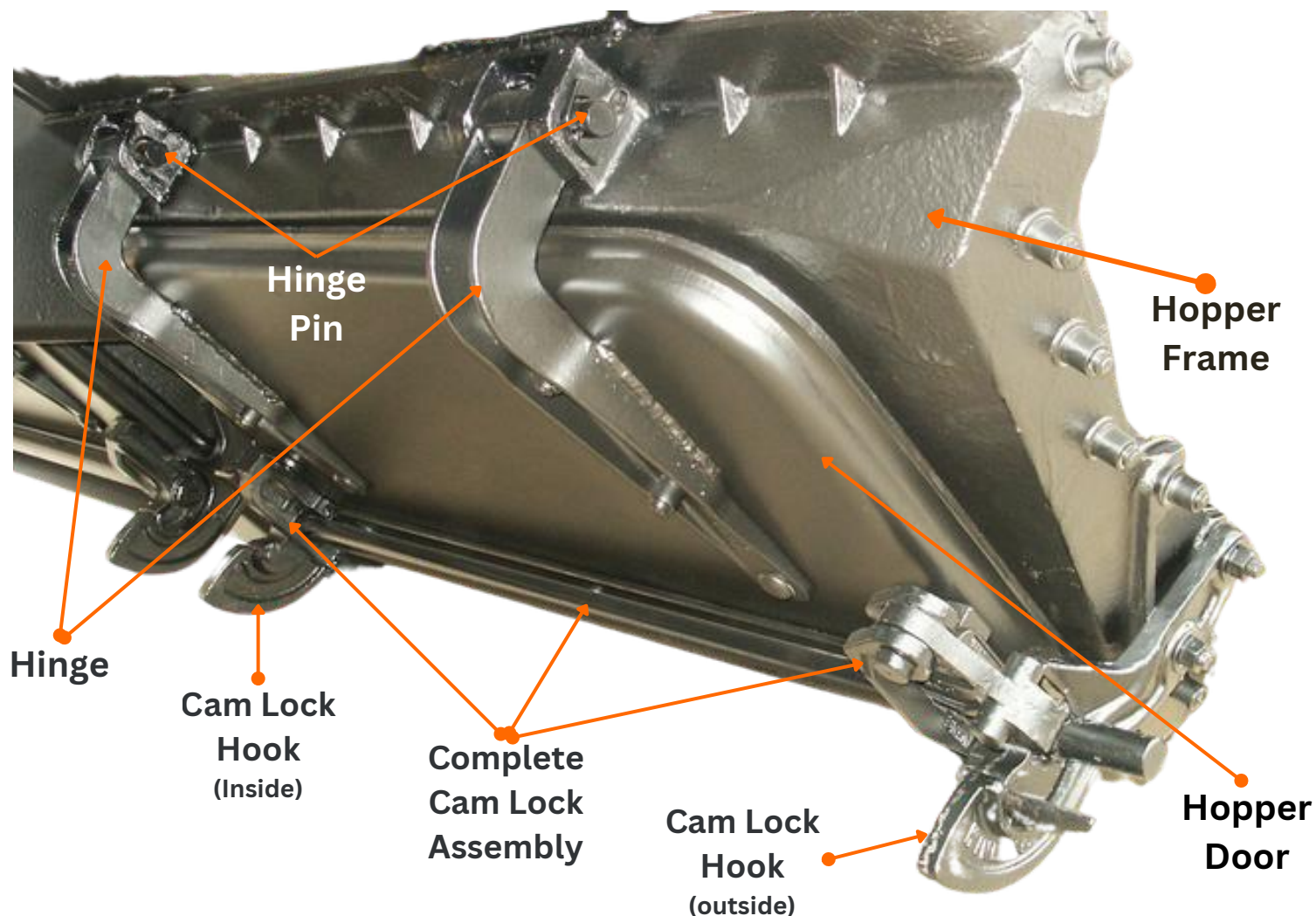
Wine Double Adjustable Locks



Complete Assembly Includes

- | | |
|-----------------------------------|-----------------------|
| 1 - Hopper Frame | 1- Spreader Extension |
| 1 - Hopper Door (carbon or steel) | 1 - Locking Pawl |
| 2 - Universal Hinges | 1- Fulcrum Bracket |
| 2 - Hinge Pins | 1 - Latch (Hook) |
| 1 - Adjustable Eccentric | 1 - Trunnion |
| 1 - Spreader Beam | |

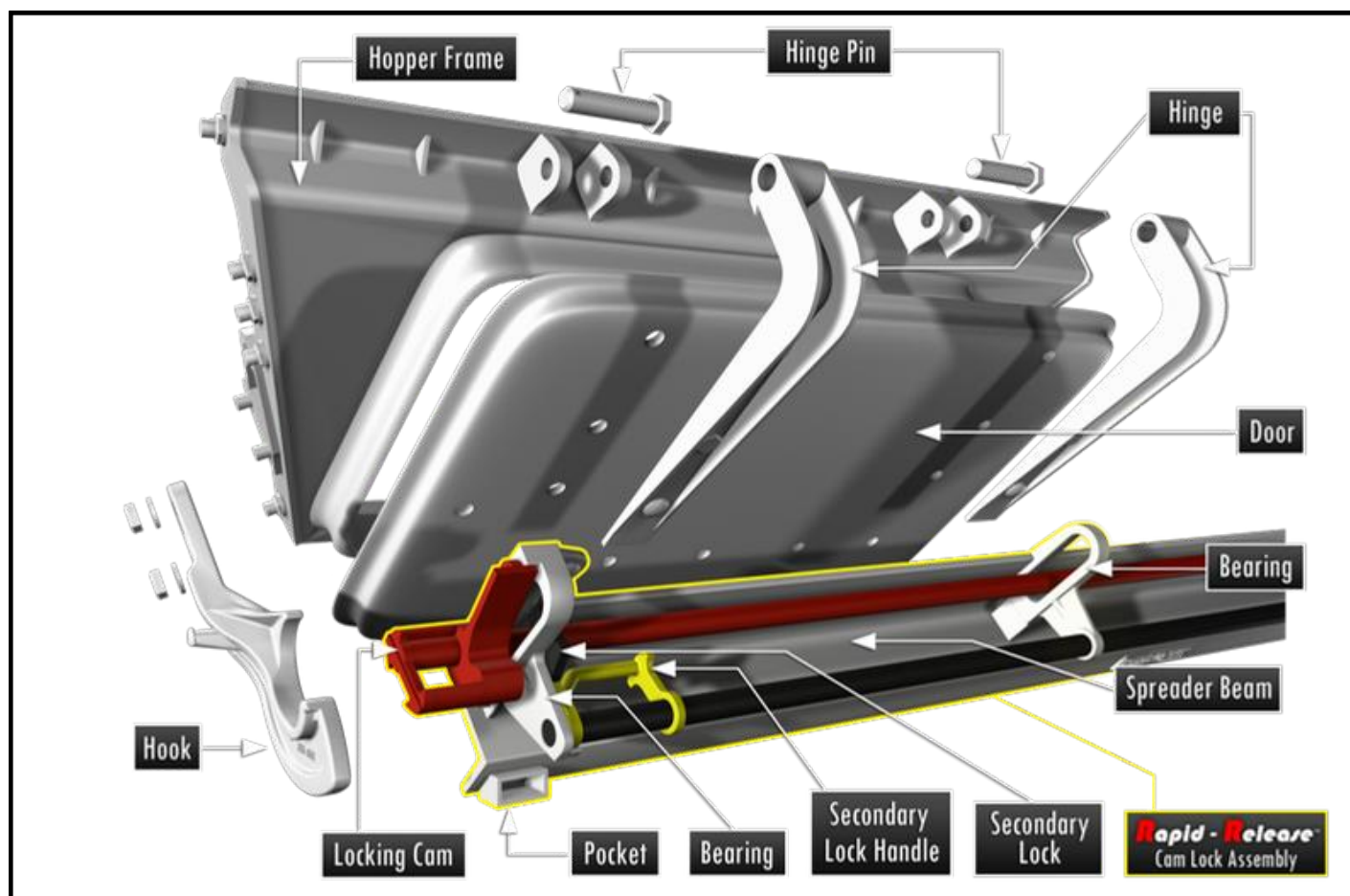
Wine Single Door Cam Lock



Complete Assembly Includes

- 1 - Hopper Frame
- 1 - Hopper Door
- 2 - Universal Hinges
- 2 - Hinge Pins
- 1 - Cam Lock Hook
- 1 - Cam Lock Assembly

Rapid - Release™



Door Size	Floor Slope	Hopper Frame P/N	Left Hook	Right Hook	RR Cam Lock Assembly P/N
Narrow	30 degree	HF-259/216	DA-00611, RR-611-L	DA-00612, RR-611-R	DA-00640-1
Wide	30 degree	HF-212	DA-00651, RR-651-L	DA-00652, RR-651-R	DA-00642-1
Wide	45 degree	HF-238	DA-00659, RR-659-L	DA-00660, RR-659-R	DA-00642-1

Rapid - Release™ is D. A. International Casting Company's most advanced WINE manual door lock system and it offers the following advantages:

- Designed using the same technology as the proven single door cam lock system, but requires fewer parts than that of a pair of single door cam locks.
- One person can operate a pair of hopper doors from either side of the rail car.
- Easy to install on new or existing conventional hopper cars.
- Built WINE tough and features dual outboard hooks to help support the commodity more evenly.
- This patented design features over-center locking cams which are self locking when the car is loaded.
- A secondary lock is built in for added safety and as a provision to operate in rotary dump service.

Monoloc Door Lock Parts



DA Pt # DA-11007

Alt Pt # OPC-117

Description:

Latch Lug



DA Pt # DA-12200

Alt Pt # OPC-122

Description:

Bar Socket



DA Pt # DA-11900

Alt Pt # OPC-119

Description:

Eccentric



DA Pt # DA-11008

Alt Pt # OPC-118

Description:

Center Bearing



DA Pt # DA-12100

Alt Pt # OPC-121

Description:

Latch



DA Pt # DA-12000

Alt Pt # OPC-120

Description:

Outer Bearing



DA Pt # DA-00000

Alt Pt # 00000

Description:

Wine Railcar Products



DA Pt # DA-12003

Alt Pt # OPC-123

Description:

Locking Lever



DA Pt # DA-00000

Alt Pt # 000000

Description:

Wine Railcar Products



DA Pt # DA-61272
Alt Pt # 2CH-642-A
Description:
Bearing



DA Pt # DA-63282
Alt Pt # 2CH-642-B
Description:
Bearing



DA Pt # DA-14504
Alt Pt # CL-4-A
Description:
Bearing



DA Pt # DA-14514
Alt Pt # CL-4-B
Description:
Bearing



DA Pt # DA-13413
Alt Pt # CL-3-A
Description:
Bearing



DA Pt # DA-13423
Alt Pt # CL-3-B
Description:
Bearing



DA Pt # DA-23108
Alt Pt # 2CH-258
Description: 1-7/8" dia.
Bearing



DA Pt # DA-00648
Alt Pt # DA-648
Description: Bearing
Block



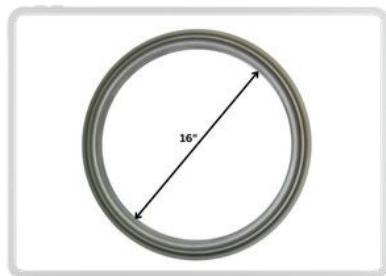
DA Pt # DA-43433
Alt Pt # PK-433
Description:
Bearing Block



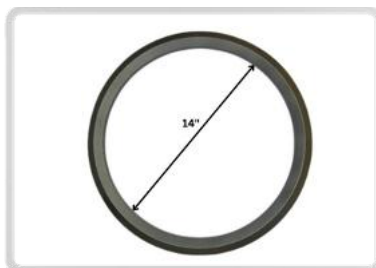
DA Pt # DA-53619
Alt Pt # DA-000619
Description:
Bell Crank, AAR 55



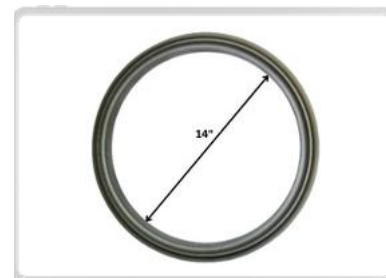
DA Pt # DA-53850
Alt Pt # 00850
Description:
Bell Crank, AAR 66



DA Pt # DA-03711
Alt Pt # DA-3709-160
Description: 16"
Bolster Rim Replacement



DA Pt # DA-03654
Alt Pt # DA-3654-140
Description: 14"
Bolster Rim Replacement



DA Pt # DA-03710
Alt Pt # DA-3709-141
Description: 14"
Bolster Rim Replacement



DA Pt # DA-43514
Alt Pt # MC-514
Description:
Bushing



DA Pt # DA-18176
Alt Pt # PK-176-A
Description:
Bracket



DA Pt # DA-18276
Alt Pt # PK-176-B
Description:
Bracket



DA Pt # DA-30341
Alt Pt # PK-341-A
Description:
Bracket



DA Pt # DA-31341
Alt Pt # PK-341-B
Description:
Bracket



DA Pt # DA-45482
Alt Pt # PK-482-A
Description:
Bracket



DA Pt # DA-46482
Alt Pt # PK-482-B
Description:
Bracket



DA Pt # DA-48234
Alt Pt # PK-482-A-34
Description: Fulcrum
Bracket



DA Pt # DA-48334
Alt Pt # PK-482-B-34
Description: Fulcrum
Bracket



DA Pt # DA-42467
Alt Pt # MC-467
Description:
 Bracket, Eyebolt Bracket



DA Pt # DA-43511
Alt Pt # MC-511
Description:
 Eyebolt Bracket



DA Pt # DA-00000
Alt Pt # 000000
Description:
 Wine Railcar Products



DA Pt # DA-24804
Alt Pt # 24804
Description: Bracket
 for Large Pinion Shaft



DA Pt # DA-24805
Alt Pt # 24805
Description: Bracket
 for Small Pinion Shaft





DA Pt # DA-17012
Alt Pt # CL-2-A
Description: RH
Cam Lock (In)



DA Pt # DA-17023
Alt Pt # CL-2-B
Description: LH
Cam Lock (In)



DA Pt # DA-10001
Alt Pt # CL-1-B-1
Description: RH
Cam Lock (out)



DA Pt # DA-17111
Alt Pt # CL-1-B
Description: RH
Cam Lock (Out)



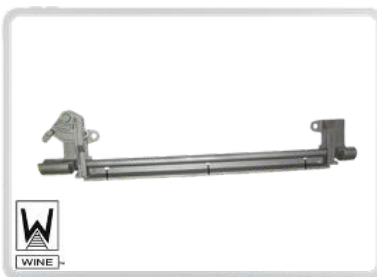
DA Pt # 17011
Alt Pt # CL-1-A
Description: LH
Cam Lock (out)



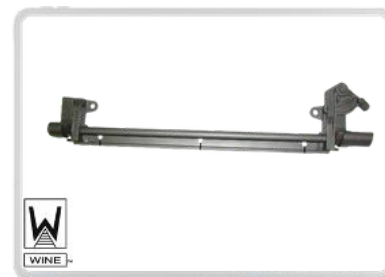
DA Pt # DA-10011
Alt Pt # CL-1-A-1
Description: LH
Cam Lock (out)



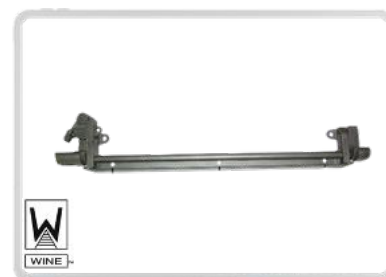
DA Pt # DA-00000
Alt Pt # 000000
Description:
Wine Railcar Products



DA Pt # DA-41511
Alt Pt # 4CL-15-1
Description: Short
Cam Lock Assembly - LH



DA Pt # DA-41611
Alt Pt # 4CL-16-1
Description: Short
Cam Lock Assembly - RH



DA Pt # DA-41512
Alt Pt # 4CL-15-2
Description: Long
Cam Lock Assembly - LH



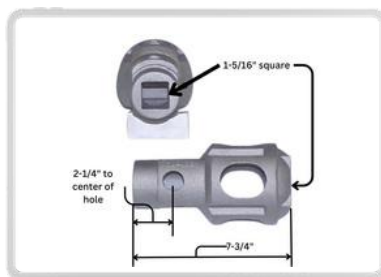
DA Pt # DA-41612
Alt Pt # 4CL-16-2
Description: Long
Cam Lock Assembly - RH



DA Pt # DA-00000
Alt Pt # 000000
Description:
Wine Railcar Products



DA Pt # DA-65005
Alt Pt # GM165005
Description:
 Capstan



DA Pt # DA-42391
Alt Pt # DA-4081
Description:
 Capstan



DA Pt # DA-25690
Alt Pt # OVPA-2569
Description:
 Capstan



DA Pt # DA-10080
Alt Pt # E-10080
Description:
 Capstan



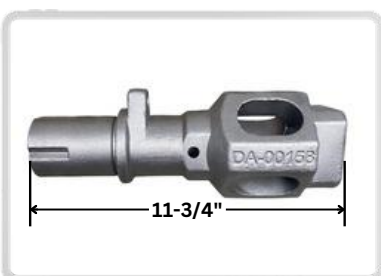
DA Pt # DA-16298
Alt Pt # 16298
Description:
 Capstan



DA Pt # DA-08843
Alt Pt # E-8843
Description:
 Capstan



DA Pt # DA-43413
Alt Pt # DA-403
Description:
 Capstan



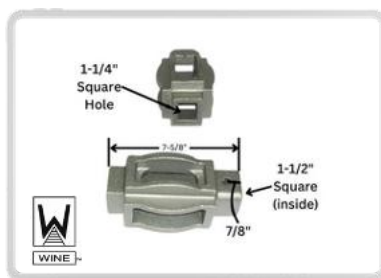
DA Pt # DA-00158
Alt Pt # 530-0158
Description:
 Capstan Casting



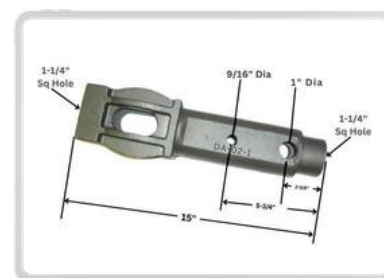
DA Pt # DA-41902
Alt Pt # DA-402
Description: Long
 Capstan, Universal,



DA Pt # DA-41890
Alt Pt # DA-400
Description: Short
 Capstan, Universal



DA Pt # DA-01211
Alt Pt # 2CH-121
Description:
 Capstan - Outlet Gate



DA Pt # DA-41931
Alt Pt # DA-402-1
Description:
 Capstan, Long



DA Pt # DA-33633

Alt Pt # FD-3063

Description:

Capstan



DA Pt # DA-33142

Alt Pt # 2CH-322

Description:

Capstan Lock



DA Pt # DA-91701

Alt Pt # D965361-2

Description:

Capstan Reinforcement



DA Pt # DA-31513

Alt Pt # MC-410

Description: Dead Lever

Clevis Bracket



DA Pt # DA-05272

Alt Pt # 10305-272

Description:

Clevis, Slotted Cylinder



DA Pt # DA-05032

Alt Pt # 10305-032

Description:

Connector-Operating
Beam



DA Pt # DA-43431

Alt Pt # DA-404-1

Description:

Conversion Kit - 61"



DA Pt # DA-41424

Alt Pt # DA-404

Description:

Conversion Kit - 66"



DA Pt # DA-41518

Alt Pt # DA-700

Description:

Corner Cap



DA Pt # DA-41517

Alt Pt # MC-477

Description:

Corner Cap



DA Pt # DA-70100

Alt Pt # 70100

Description:

Corner Cap Forging

MORE ITEMS AT
dacasting.com

DA Pt # DA-00000

Alt Pt # 000000

Description:

Wine Railcar Products

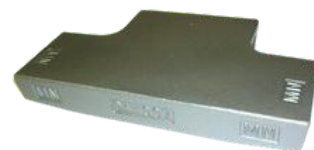


DA Pt # DA-32580

Alt Pt # 3799

Description: 9/32" Thick

Coupler Carrier Wear Plate



DA Pt # DA-32581

Alt Pt # 3258

Description: 15/32" Thick

Coupler Carrier Wear Plate



DA Pt # DA-40406

Alt Pt # MC-406

Description:

Crossridge Foot Brace



DA Pt # DA-40900

Alt Pt # MC-409

Description:

Crossridge Foot Brace



DA Pt # DA-05219

Alt Pt # 10305-219

Description:

Door Mechanism Casting



DA Pt # DA-50037

Alt Pt # 5050037

Description:

Door Stop



DA Pt # DA-00850-1

Alt Pt # 1009688

Description:

Draft Key Retainer Keeper



DA Pt # DA-00850-2

Alt Pt # 1009899

Description:

Draft Key Retainer

MORE ITEMS AT
dacasting.com

DA Pt # DA-00000

Alt Pt # 000000

Description:

Wine Railcar Products



DA Pt # DA-10028

Alt Pt # CB-128

Description:

Draft Lug, Rear

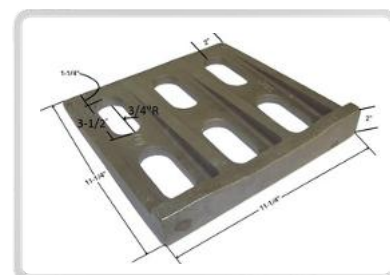




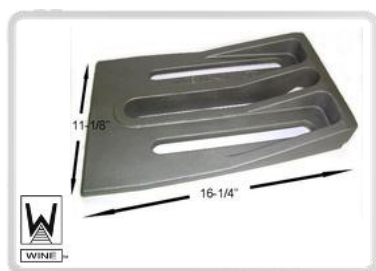
DA Pt # DA-07800
Alt Pt # 70754520
Description:
Draft Lug - Front



DA Pt # DA-07481
Alt Pt # 107481-01
Description:
Draft Lug, Front, Forging



DA Pt # DA-81777
Alt Pt # 578106-0
Description:
Draft Lug - Front



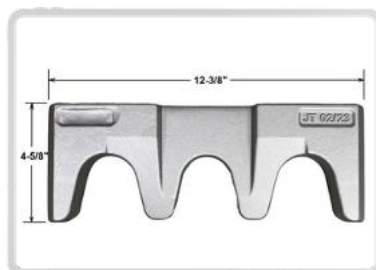
DA Pt # DA-45461
Alt Pt # 2MC-461
Description:
Draft Lug - Front



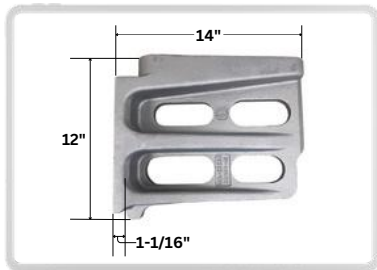
DA Pt # DA-53704
Alt Pt # 70653716
Description:
Draft Lug, Forging, Rear



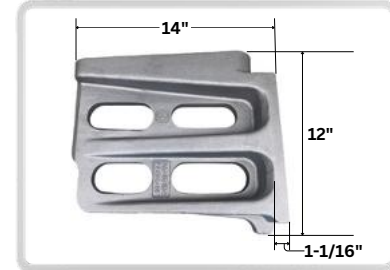
DA Pt # DA-53705
Alt Pt # 70653717
Description:
Draft Lug, Forging, Rear



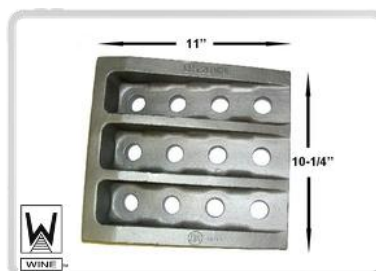
DA Pt # DA-09462
Alt Pt # 09462
Description:
Draft Lug, Front, Forging



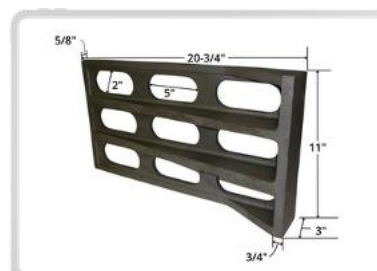
DA Pt # DA-15155
Alt Pt # 50154-L
Description:
Draft Lug, Rear, LH



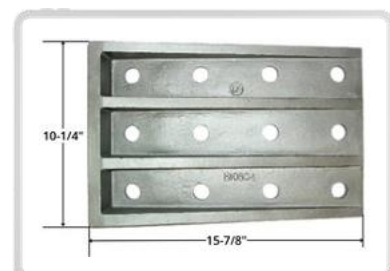
DA Pt # DA-15154
Alt Pt # 50154-R
Description:
Draft Lug, Rear, RH



DA Pt # DA-32220
Alt Pt # CB-220
Description:
Draft Lug



DA Pt # DA-90346
Alt Pt # B-9346
Description:
Draft Lug, Rear



DA Pt # DA-18004
Alt Pt # B-10804
Description:
Draft Lug, Rear



DA Pt # DA-49090

Alt Pt # DA-490-L

Description: Door Gate Complete - LH



DA Pt # DA-49091

Alt Pt # DA-490-R

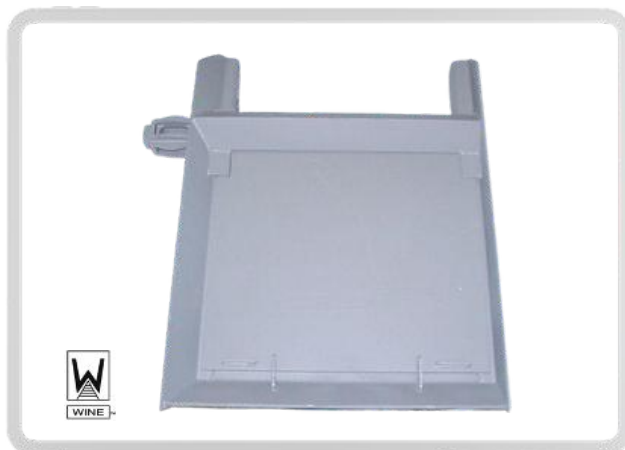
Description: Door Gate Complete - RH



DA Pt # DA-43388

Alt Pt # 4CH-418-LH

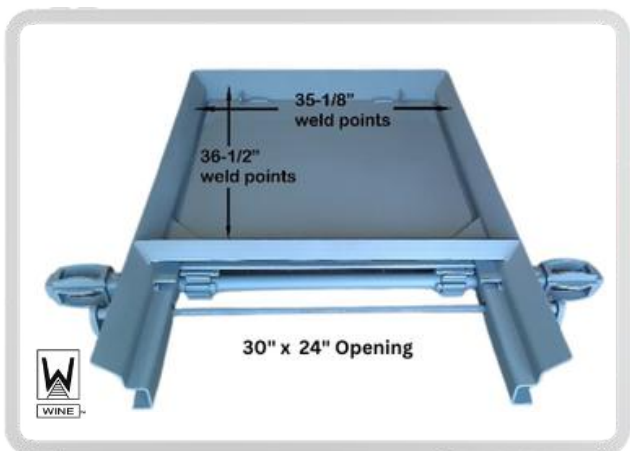
Description: Door Gate Complete



DA Pt # DA-43398

Alt Pt # 4CH-418-RH

Description: Door Gate Complete



DA Pt # DA-42387

Alt Pt # 4CH-257

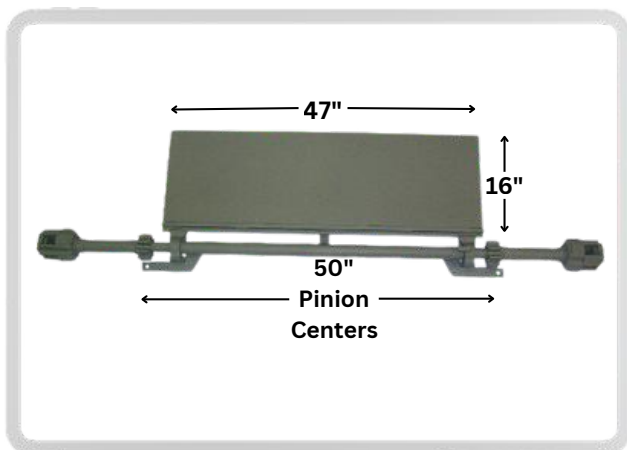
Description: Door Gate Complete



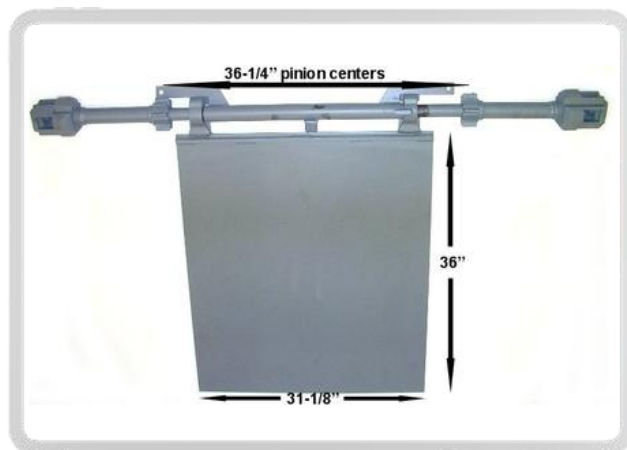
DA Pt # DA-63401

Alt Pt # 4CH-641

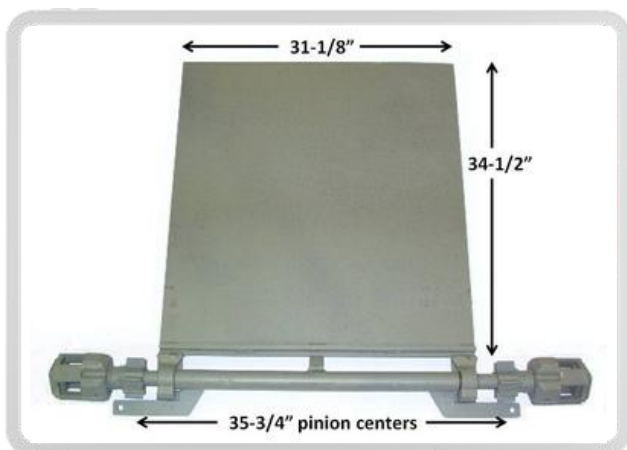
Description: Door Gate Complete



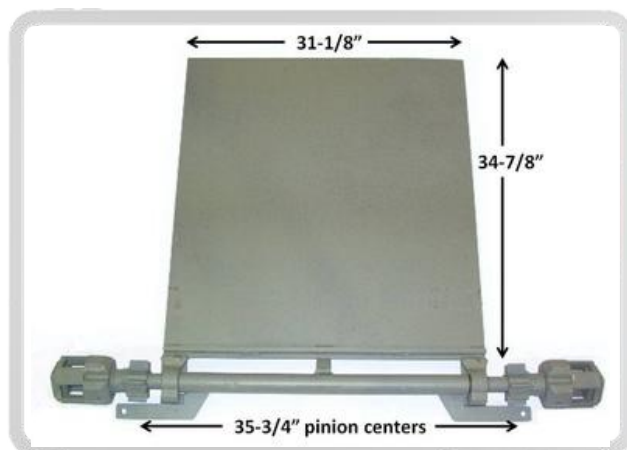
DA Pt # DA-71106
Alt Pt # 3000280
Description: Door Slide Assembly



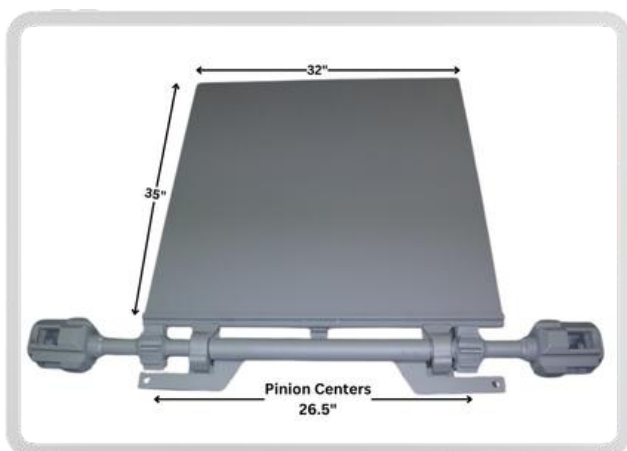
DA Pt # DA-71131
Alt Pt # 71131
Description: Door Slide Assembly



DA Pt # DA-71132
Alt Pt # 71132
Description: Door Slide Assembly

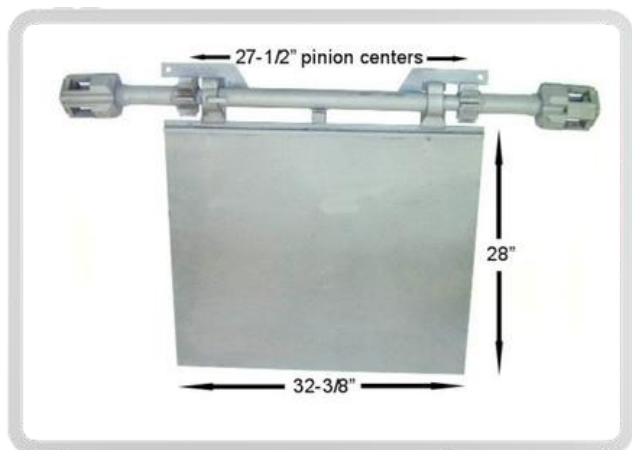


DA Pt # DA-71132-SP
Alt Pt # 71132SP
Description: Door Slide Assembly

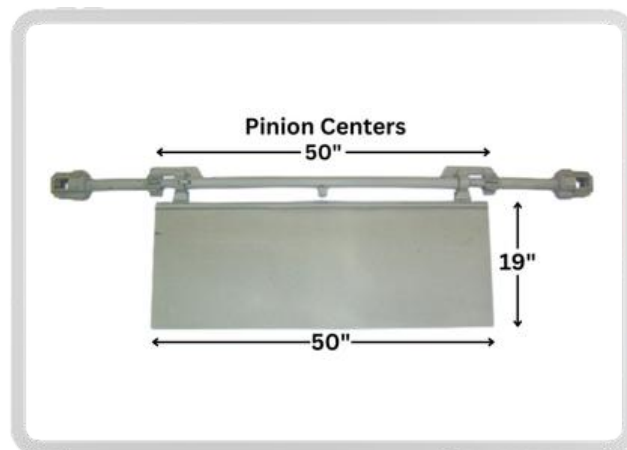


DA Pt # DA-71133
Alt Pt # 71133
Description: Door Slide Assembly

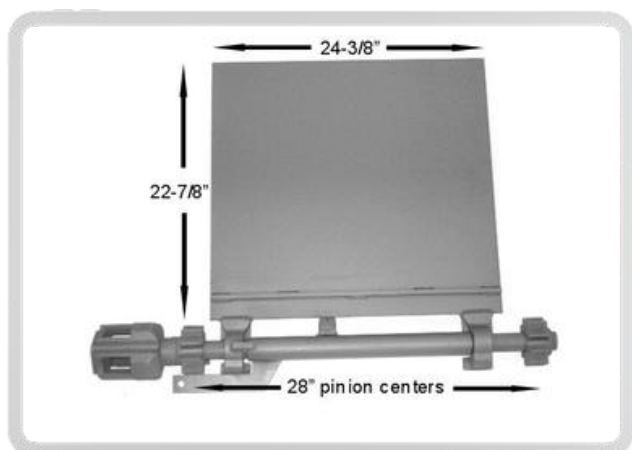




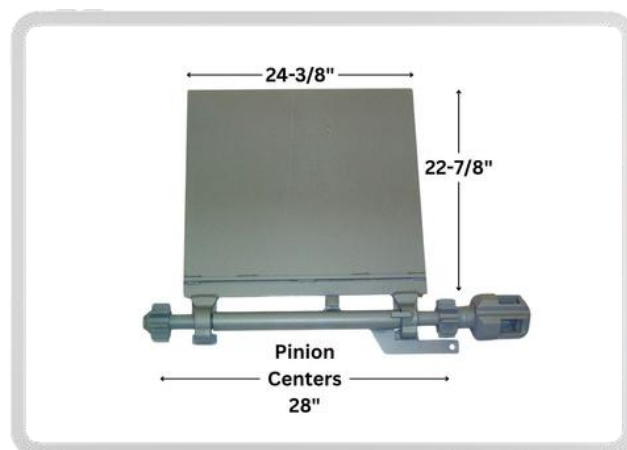
DA Pt # DA-71140
Alt Pt # 71140
Description: Door Slide Assembly



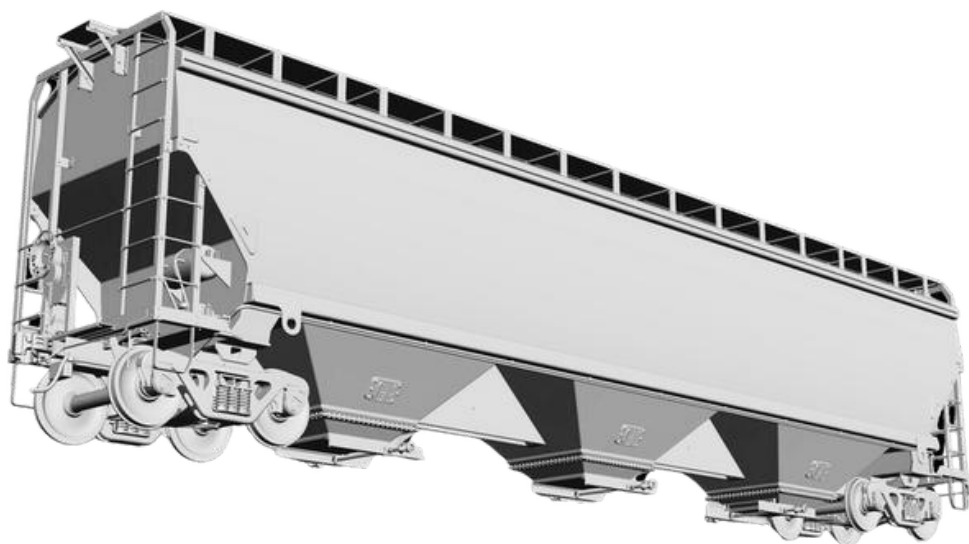
DA Pt # DA-71150
Alt Pt # 71150
Description: Door Slide Assembly

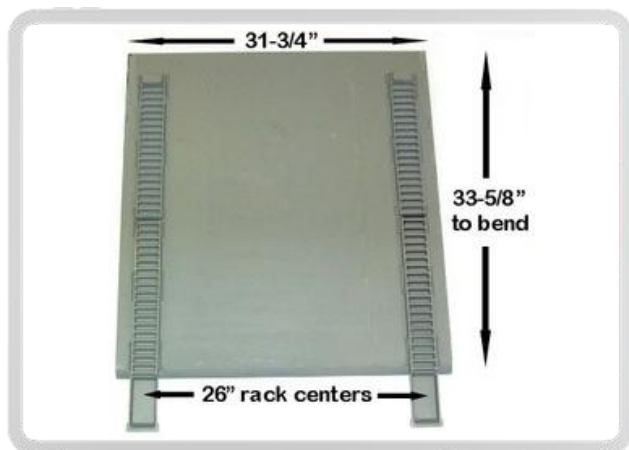


DA Pt # DA-74510
Alt Pt # 74510
Description: Door Slide Assembly - LH

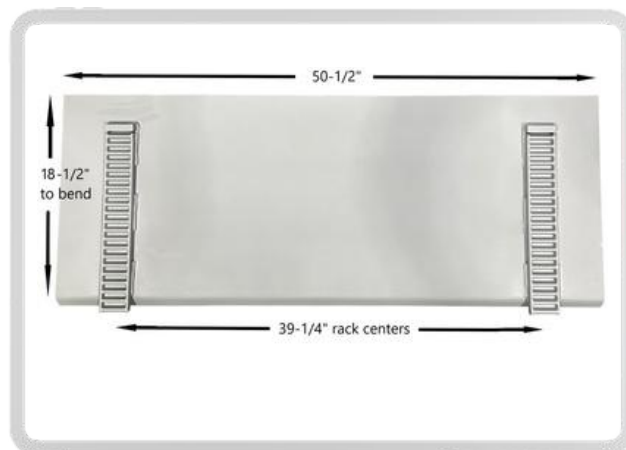


DA Pt # DA-74520
Alt Pt # 74520
Description: Door Slide Assembly - RH

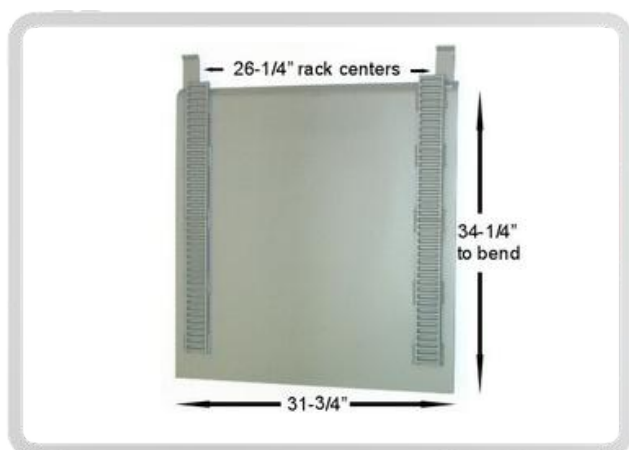




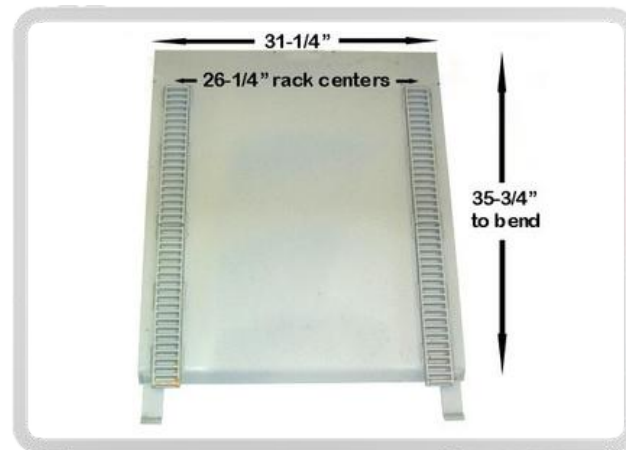
DA Pt # DA-78134
Alt Pt # 3000597
Description: Door Slide Assembly



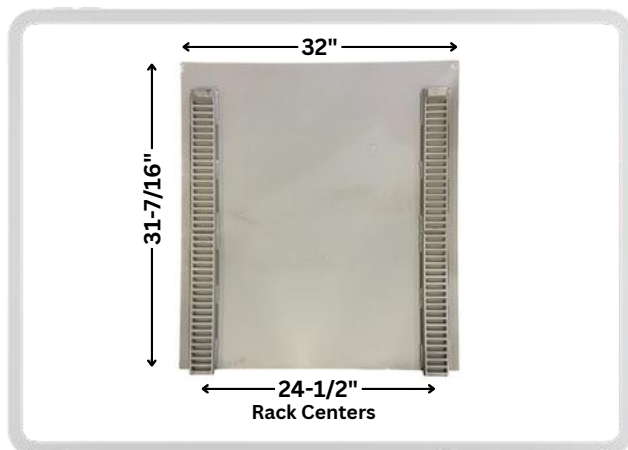
DA Pt # DA-50201
Alt Pt # LCGX
Description: Door Slide Assembly



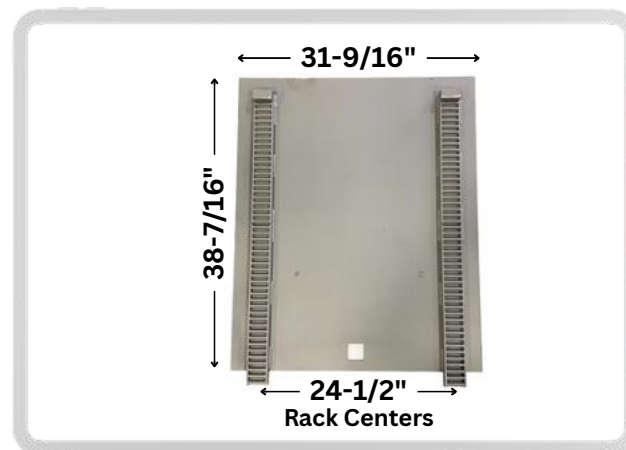
DA Pt # DA-50287
Alt Pt # 810-031956-0
Description: Door Slide Assembly



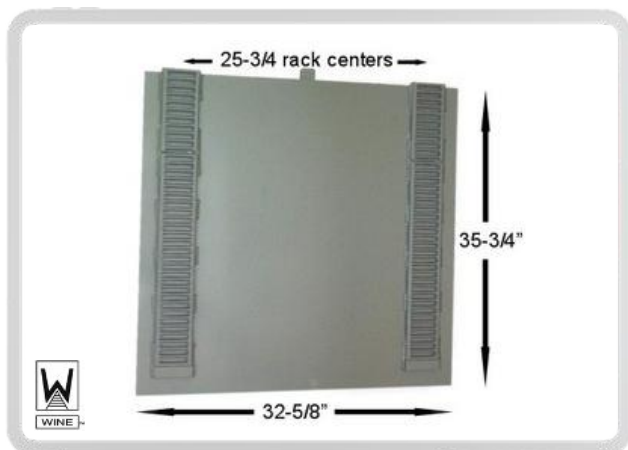
DA Pt # DA-50289
Alt Pt # 810-456723-0
Description: Door Slide Assembly



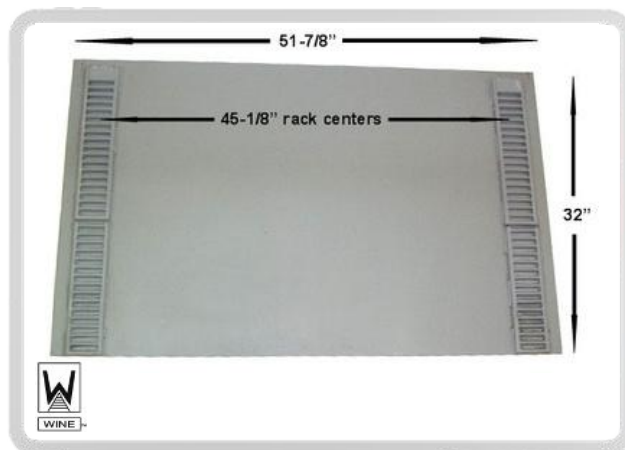
DA Pt # DA-10054
Alt Pt # 10054
Description: Door Slide Assembly



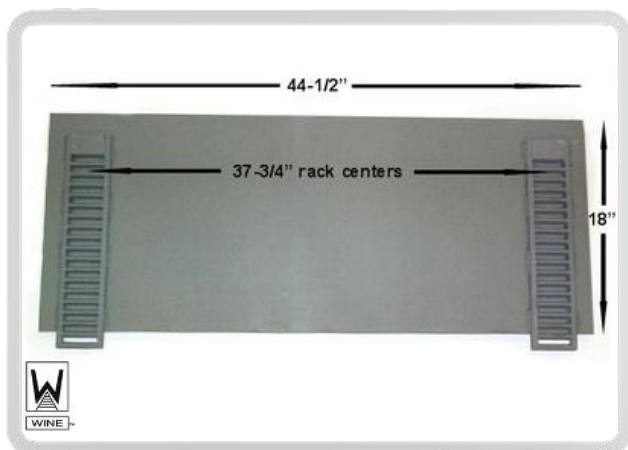
DA Pt # DA-10061
Alt Pt # 3000823
Description: Door Slide Assembly



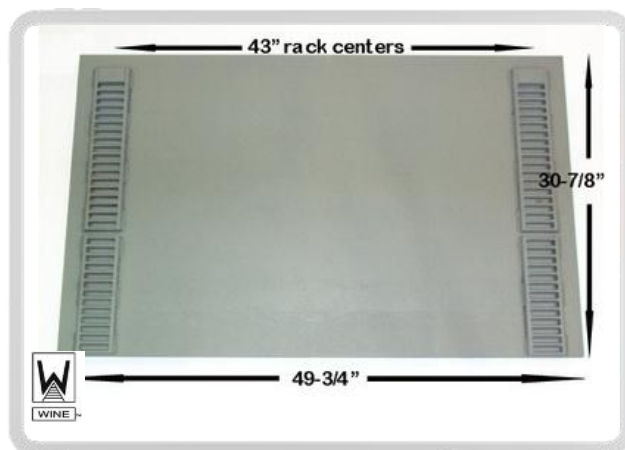
DA Pt # DA-21111
Alt Pt # 2CH-259-1
Description: Door Slide Assembly



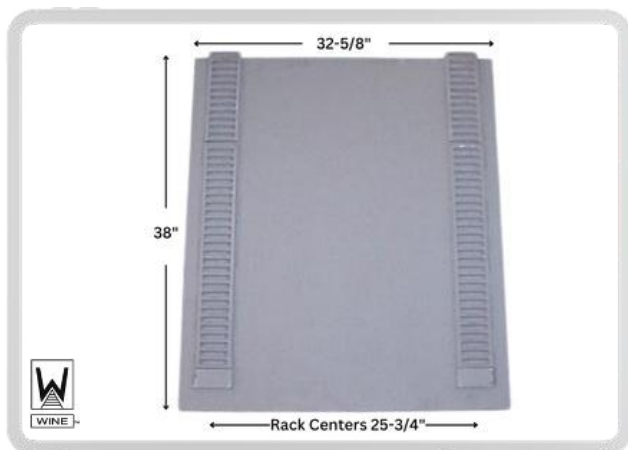
DA Pt # DA-21304
Alt Pt # 3CH-214
Description: Door Slide Assembly



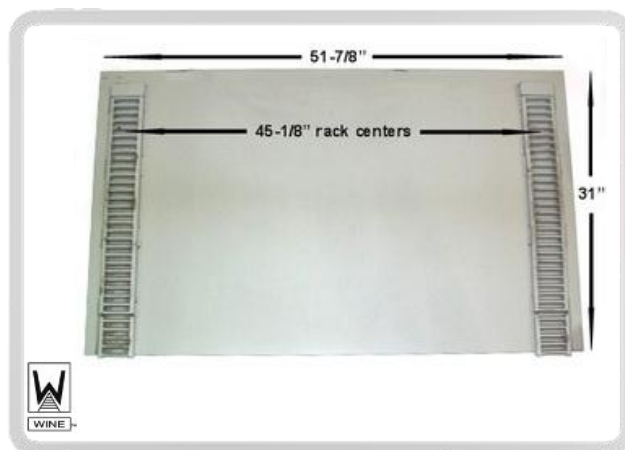
DA Pt # DA-31139
Alt Pt # 2CH-309
Description: Door Slide Assembly



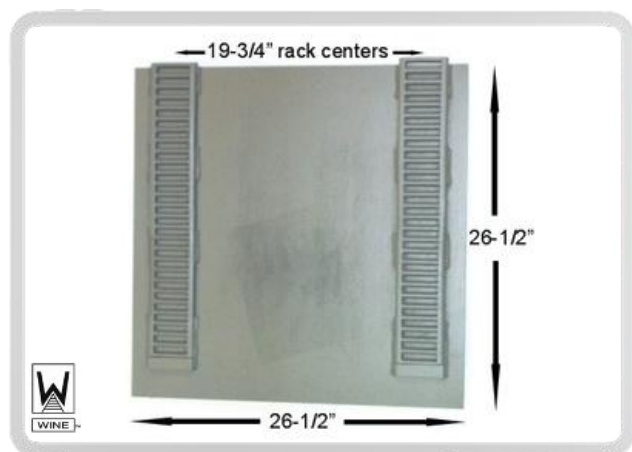
DA Pt # DA-31313
Alt Pt # 3CH-303
Description: Door Slide Assembly



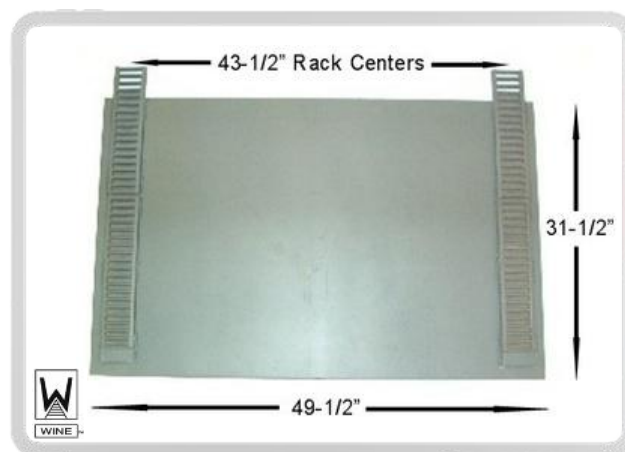
DA Pt # DA-32300
Alt Pt # 2CH-323
Description: Door Slide Assembly



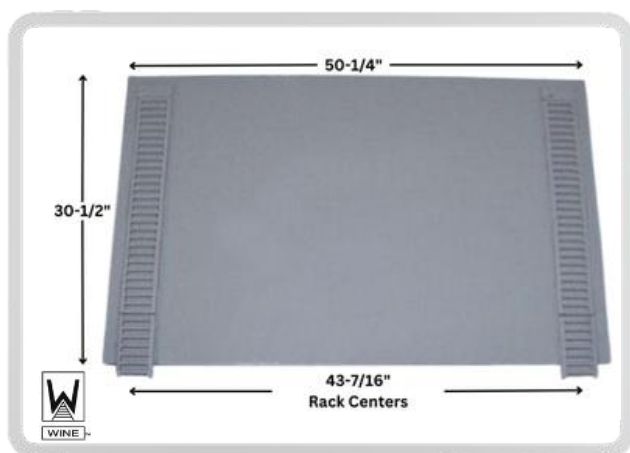
DA Pt # DA-31397
Alt Pt # 2CH-397
Description: Door Slide Assembly



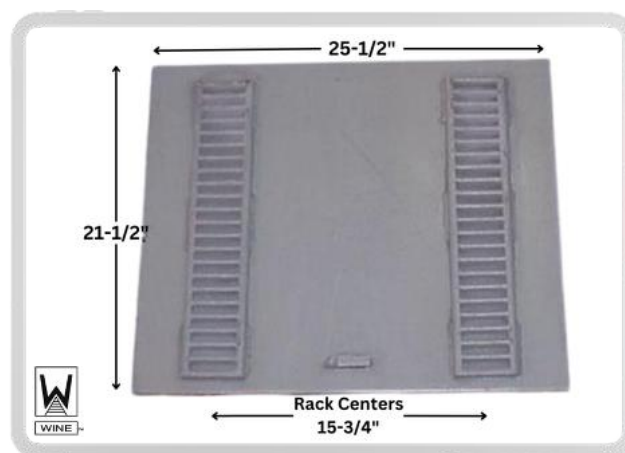
DA Pt # DA-41254
Alt Pt # 2CH-404
Description: Door Slide Assembly



DA Pt # DA-41328
Alt Pt # 41328
Description: Door Slide Assembly

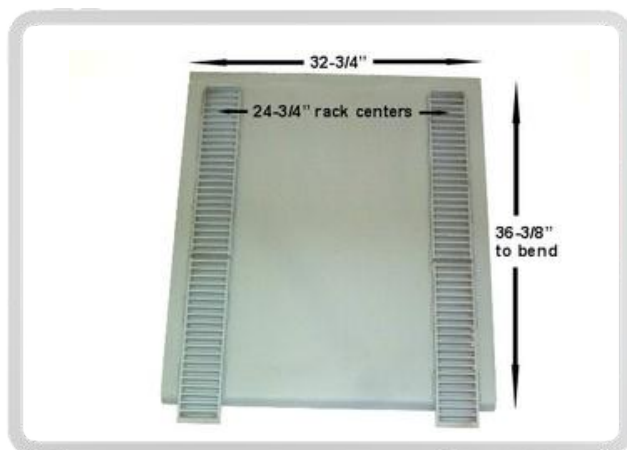


DA Pt # DA-41329
Alt Pt # 3CH-429
Description: Door Slide Assembly

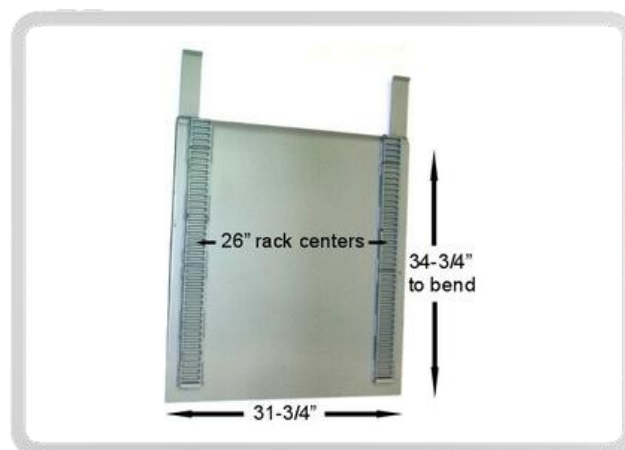


DA Pt # DA-61294
Alt Pt # 2CH-654-1
Description: Door Slide Assembly

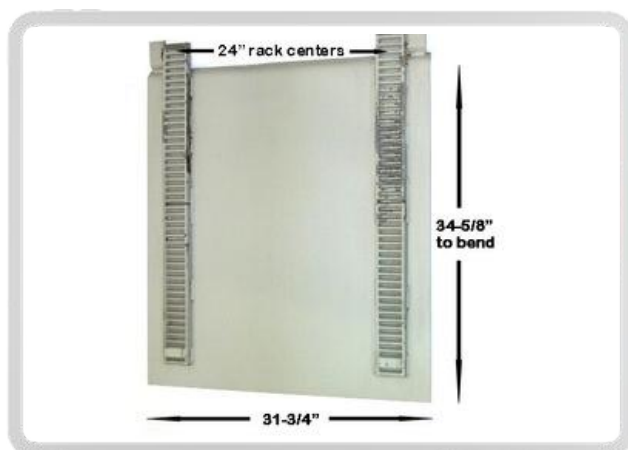




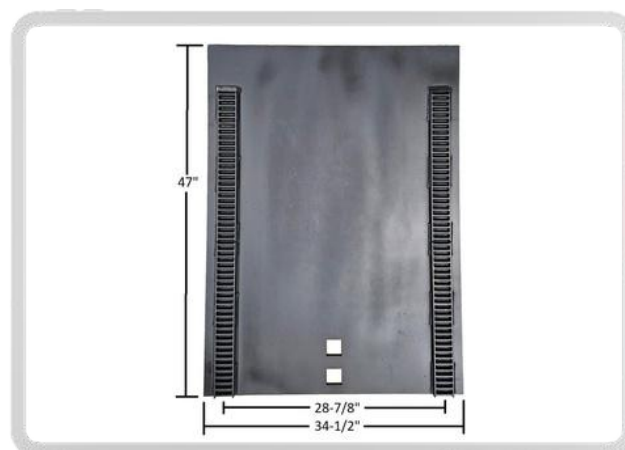
DA Pt # DA-07118
Alt Pt # DA-7118
Description: Door Slide Assembly



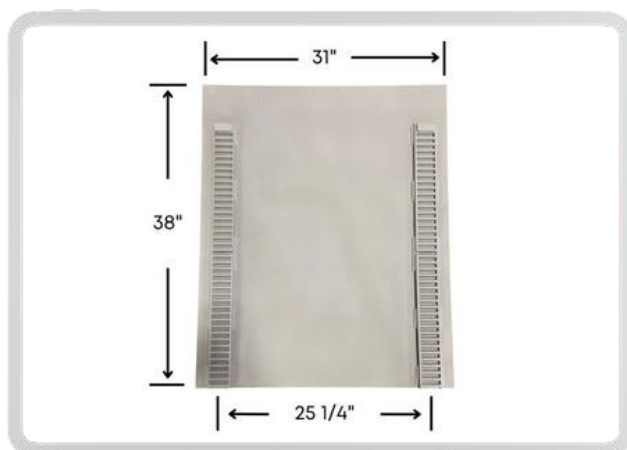
DA Pt # DA-07987
Alt Pt # 7987
Description: Door Slide Assembly



DA Pt # DA-08410
Alt Pt # 08410
Description: Door Slide Assembly



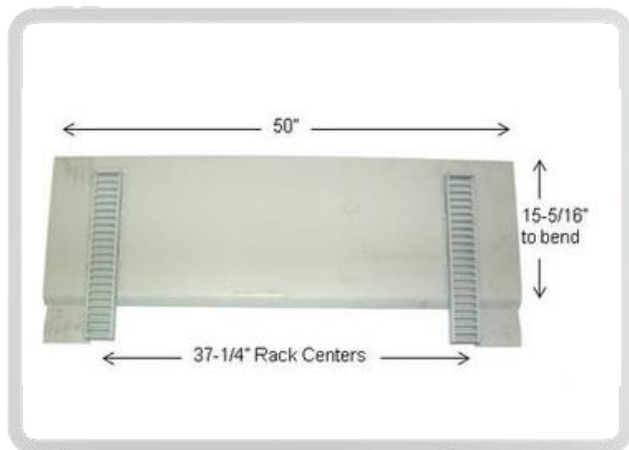
DA Pt # DA-10066
Alt Pt # 10066
Description: Door Slide Assembly



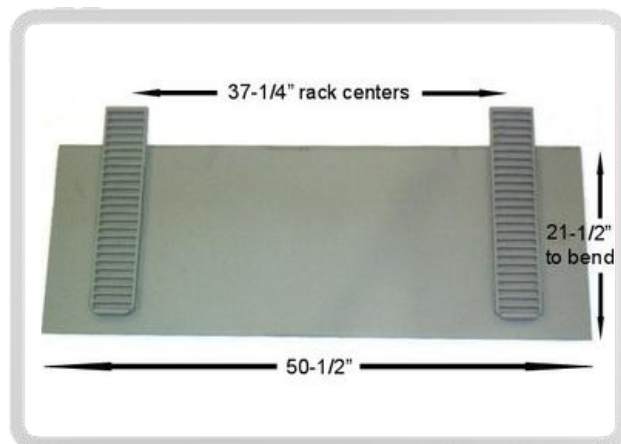
DA Pt # DA-10515
Alt Pt # 10515
Description: Door Slide Assembly



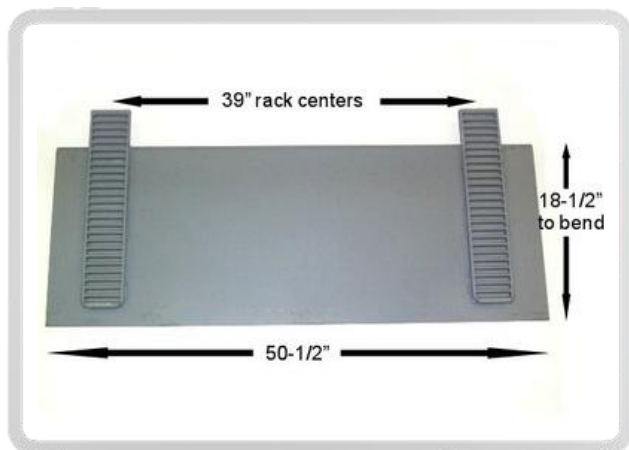
DA Pt # DA-30003
Alt Pt # 3000623
Description: Door Slide Assembly



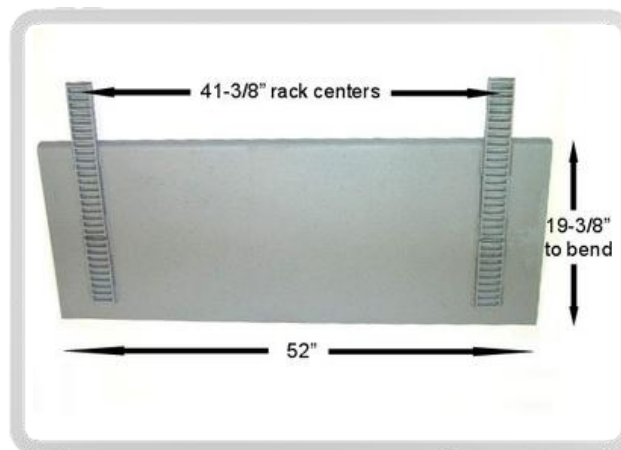
DA Pt # DA-11286
Alt Pt # 3000904
Description: Door Slide Assembly



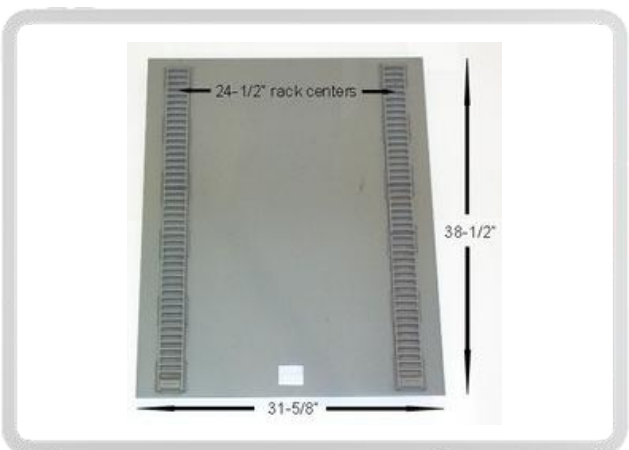
DA Pt # DA-50204
Alt Pt # 50204
Description: Door Slide Assembly



DA Pt # DA-50209
Alt Pt # 50209
Description: Door Slide Assembly



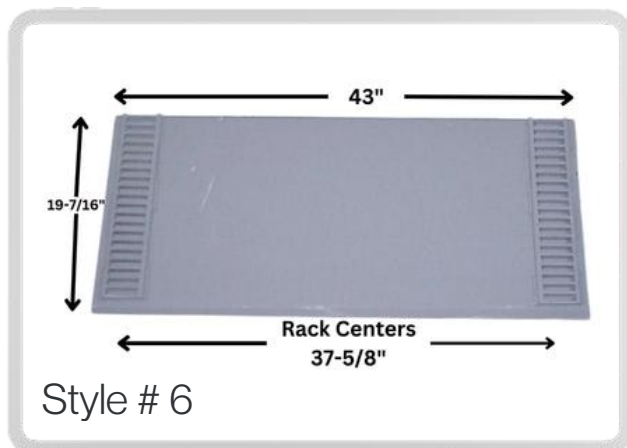
DA Pt # DA-50210
Alt Pt # 50210
Description: Door Slide Assembly



DA Pt # DA-10062
Alt Pt # MKE-10062
Description: Door Slide Assembly



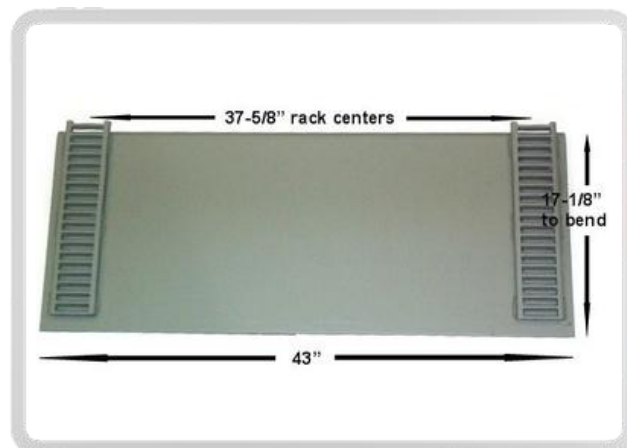
DA Pt # DA-10070
Alt Pt # MKE10070
Description: Door Slide Assembly



DA Pt # DA-05374

Alt Pt # 810-146009-0

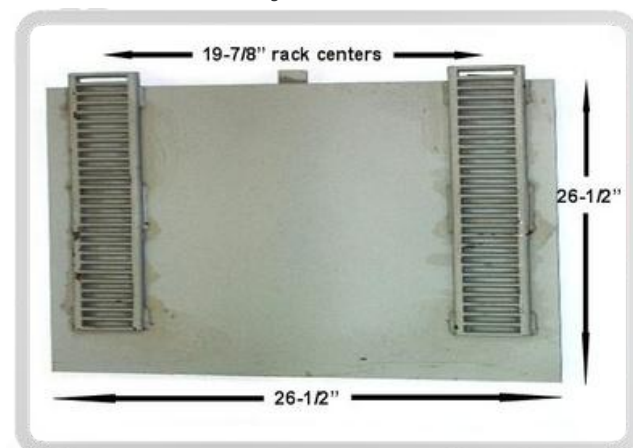
Description: Door Slide Assembly,
Style # 6



DA Pt # DA-05765

Alt Pt # 031972-0

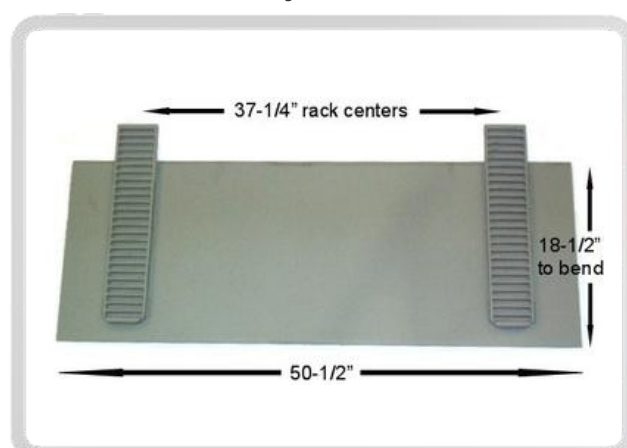
Description: Door Slide Assembly,
Style # 5



DA Pt # DA-05804

Alt Pt # 810-031998-0

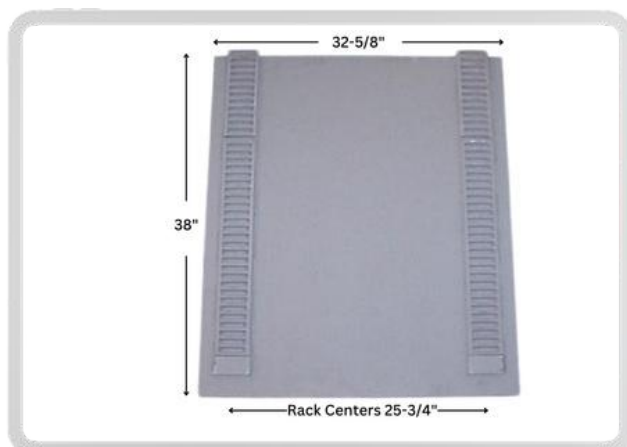
Description: Door Slide Assembly,
Style # 4



DA Pt # DA-50202

Alt Pt # 810-031964-0

Description: Door Slide Assembly,
Style # 2A

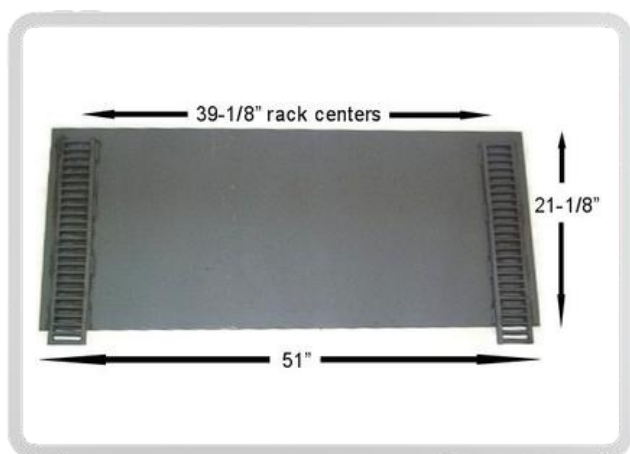


DA Pt # DA-50203

Alt Pt # Style #3

Description: Door Slide Assembly





DA Pt # DA-63671
Alt Pt # 203550038
Description: Door Slide Assembly



DA Pt # DA-30006
Alt Pt # 3000627
Description: Door Slide Assembly



DA Pt # DA-24802
Alt Pt # 24802
Description: Large Door Slide



DA Pt # DA-24803
Alt Pt # 24803
Description: Small Door Slide





DA Pt # DA-60606

Alt Pt # PK-6

Description:

Eccentric

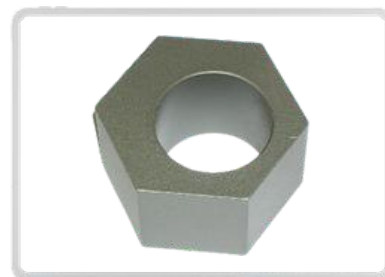


DA Pt # DA-31236

Alt Pt # PK-36

Description:

Eccentric



DA Pt # DA-50068

Alt Pt # 093-40049

Description:

Eccentric Nut



DA Pt # DA-17025

Alt Pt # CL-25

Description:

End Cap



DA Pt # DA-48483

Alt Pt # PK-483-A

Description:

Extension



DA Pt # DA-48493

Alt Pt # PK-483-B

Description:

Extension



DA Pt # DA-31818

Alt Pt # PK-318-B

Description:

Extension



DA Pt # DA-31808

Alt Pt # PK-318-A

Description:

Extension



DA Pt # DA-48908

Alt Pt # PK-489-A

Description:

Extension



DA Pt # DA-48918

Alt Pt # PK-489-B

Description:

Extension



DA Pt # DA-32101

Alt Pt # PK-321-A

Description:

Extension



DA Pt # DA-32102

Alt Pt # PK-321-B

Description:

Extension



DA Pt # DA-40431

Alt Pt # PK-431-A

Description:

Extension



DA Pt # DA-41431

Alt Pt # PK-431-B

Description:

Extension



DA Pt # DA-41454

Alt Pt # PK-454-A

Description:

Extension



DA Pt # DA-42454

Alt Pt # PK-454-B

Description:

Extension



DA Pt # DA-42457

Alt Pt # PK-457-A

Description:

Extension



DA Pt # DA-43457

Alt Pt # PK-457-B

Description:

Extension



DA Pt # DA-43487

Alt Pt # PK-487-A

Description:

Extension



DA Pt # DA-44487

Alt Pt # PK-487-B

Description:

Extension

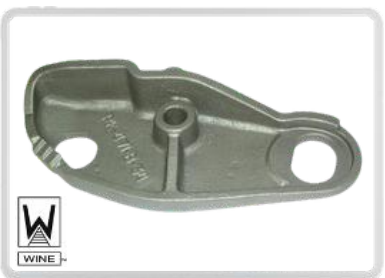


DA Pt # DA-47134

Alt Pt # PK-471-A-34

Description:

Extension



DA Pt # DA-47234

Alt Pt # PK-471-B-34

Description:

Extension



DA Pt # DA-47487

Alt Pt # PK-487-AX

Description:

Extension



DA Pt # DA-48487

Alt Pt # PK-487-BX

Description:

Extensions



DA Pt # DA-31780

Alt Pt # DA-3178

Description: 13/16" dia. holes
Filler Casting



DA Pt # DA-28261

Alt Pt # PK-261-A

Description:
Filler



DA Pt # DA-29261

Alt Pt # PK-261-B

Description:
Filler



DA Pt # DA-12611

Alt Pt # PK-261-A-1

Description:
Filler



DA Pt # DA-22611

Alt Pt # PK-261-B-1

Description:
Filler



DA Pt # DA-05479

Alt Pt # 10305-479

Description: Fulcrum
Cylinder Fulcrum Lug



DA Pt # DA-05495

Alt Pt # 10305-495

Description: Fulcrum,
Cylinder Fulcrum
Casting



DA Pt # DA-04268

Alt Pt # T-130

Description:
Fulcrum Bracket



DA Pt # DA-00000

Alt Pt # 000000

Description:
Wine Railcar Products



DA Pt # DA-05563

Alt Pt # 10305-563

Description:
Fulcrum Left Door
Spreader



DA Pt # DA-05564

Alt Pt # 10305-564

Description:
Fulcrum Right Door
Spreader



DA Pt # DA-50030
Alt Pt # 093-40030
Description:
Fulcrum Spring



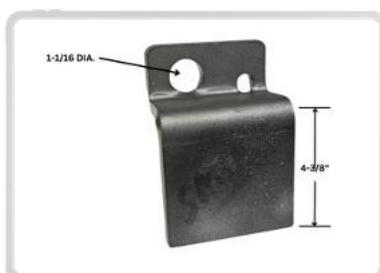
DA Pt # DA-44839
Alt Pt # 44839
Description:
Friction Shoe



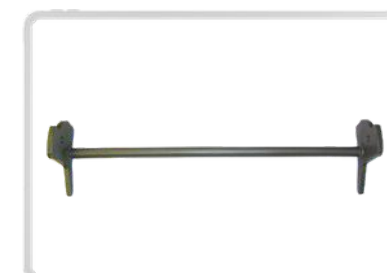
DA Pt # DA-28273
Alt Pt # A-028273
Description:
Gate Lock End Piece



DA Pt # DA-28275-A
Alt Pt # 28275
Description:
Gate Lock Bracket



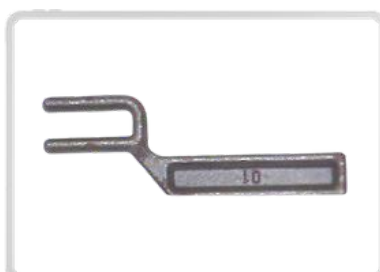
DA Pt # DA-28275-B
Alt Pt # 28275
Description:
Gate Lock Bracket



DA Pt # DA-28274
Alt Pt # 3000595
Description:
Gate Lock Bar Assembly



DA Pt # DA-28274-SP
Alt Pt # 28274SP
Description:
Gate Lock Bar Assembly Kit



DA Pt # DA-30115
Alt Pt # 212-30115-LH
Description:
Guide Finger for Rave Door



DA Pt # DA-30119
Alt Pt # 212-30119-LH
Description:
Guide Finger for Rave Door



DA Pt # DA-81690
Alt Pt # 212-30120
Description:
Hanger for Rave Door



DA Pt # DA-50300
Alt Pt # DA-503
Description:
Handle, Stainless Steel



DA Pt # DA-05182

Alt Pt # 10305-182

Description:

Hinge, Door



DA Pt # DA-05562

Alt Pt # 10305-562

Description:

Hinge, Door



DA Pt # DA-05561

Alt Pt # 10305-561

Description:

Hinge Door Separator

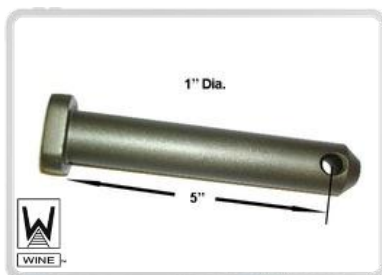


DA Pt # DA-50090

Alt Pt # MB-253-5090

Description:

Headed Pin



DA Pt # DA-12545

Alt Pt # DA-11746

Description:

Hinge Pin



DA Pt # DA-00000

Alt Pt # 00000

Description:

Wine Railcar Products



DA Pt # DA-14011

Alt Pt # 11140-11

Description:

Hinge



DA Pt # DA-42499

Alt Pt # MC-499

Description:

Hinge



DA Pt # DA-12130

Alt Pt # V-12130

Description:

Hinge



DA Pt # DA-23261

Alt Pt # HF-261

Description:

Hinge, Substitutes DA-25127



DA Pt # DA-50092-HD

Alt Pt # 1098746

Description:

Hinge, Heavy Duty



DA Pt # DA-50016

Alt Pt # 093-40019

Description:

Hinge

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DA Pt # DA-00000

Alt Pt # 000000

Description:

Wine Railcar Products



DA Pt # DA-50017

Alt Pt # 093-40020

Description:

Hinge Butt



DA Pt # DA-14043

Alt Pt # UC-43

Description:

Hinge Butt



DA Pt # DA-51028

Alt Pt # 10251-028

Description:

Hinge Butt



DA Pt # DA-43512

Alt Pt # MC-512

Description:

Hinge Butt



DA Pt # DA-40391

Alt Pt # 093-40391

Description:

Hinge Butt



DA Pt # DA-30112

Alt Pt # 212-30112

Description:

Hinge Leaf, Two Knuckle



DA Pt # DA-30113

Alt Pt # 212-30113

Description:

Hinge Leaf, Three Knuckle



DA Pt # DA-22527

Alt Pt # PK-27-X

Description:

Hook



DA Pt # DA-34234

Alt Pt # PK-342-34

Description:

Hook



DA Pt # DA-48134

Alt Pt # PK-481-34

Description:

Hook

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DA Pt # DA-17209

Alt Pt # CL-19-A

Description:

Hook, Inner



DA Pt # DA-17219

Alt Pt # CL-19-B

Description:

Hook, Inner



DA Pt # DA-17028

Alt Pt # CL-28

Description:

Hook, Inner



DA Pt # DA-17503

Alt Pt # CL-13-A

Description:

Hook, Inner



DA Pt # DA-17513

Alt Pt # CL-13-B

Description:

Hook, Inner



DA Pt # 17160

Alt Pt # CL-60

Description:

Hook, Inner



DA Pt # DA-00000

Alt Pt # 000000

Description:

Wine Railcar Products



DA Pt # DA-17224

Alt Pt # CL-24-B

Description:

Hook, Inner



DA Pt # DA-17309

Alt Pt # CL-39-A

Description:

Hook, Inner



DA Pt # DA-17339

Alt Pt # CL-39-B

Description:

Hook, Inner



DA Pt # DA-17156

Alt Pt # CL-66-A

Description:

Hook, Outer



DA Pt # DA-17166

Alt Pt # CL-66-B

Description:

Hook, Outer



DA Pt # DA-17349

Alt Pt # CL-59-A

Description:

Hook, Outer



DA Pt # DA-17359

Alt Pt # CL-59-B

Description:

Hook, Outer



DA Pt # DA-17605

Alt Pt # CL-65-A

Description:

Hook, Outer



DA Pt # DA-17665

Alt Pt # CL-65-B

Description:

Hook, Outer



DA Pt # DA-17512

Alt Pt # CL-12-A

Description:

Hook, Outer

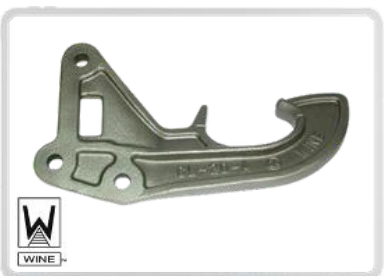


DA Pt # DA-17612

Alt Pt # CL-12-B

Description:

Hook, Outer



DA Pt # DA-28020

Alt Pt # CL-20-A

Description:

Hook, Outer



DA Pt # DA-23527

Alt Pt # CL-27-A

Description:

Hook, Outer



DA Pt # DA-17308

Alt Pt # CL-38-A

Description:

Hook, Outer



DA Pt # DA-28120

Alt Pt # CL-20-B

Description:

Hook, Outer



DA Pt # DA-23627

Alt Pt # CL-27-B

Description:

Hook, Outer

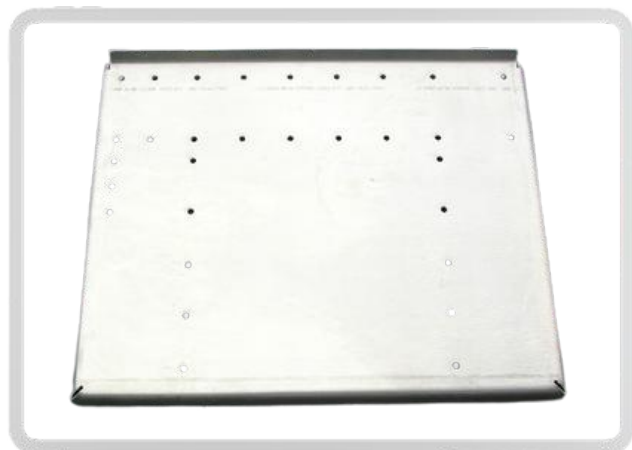


DA Pt # DA-17338

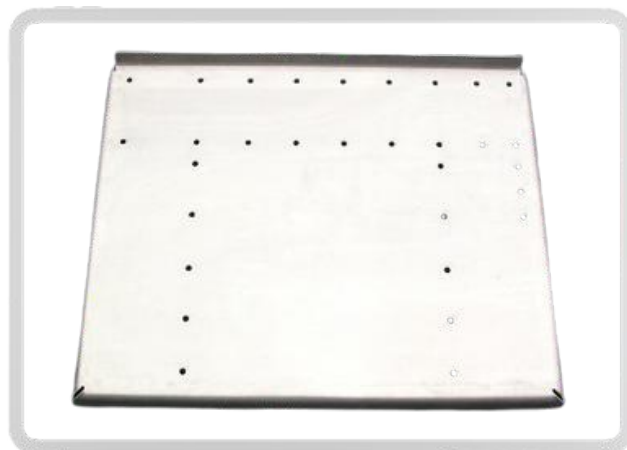
Alt Pt # CL-38-B

Description:

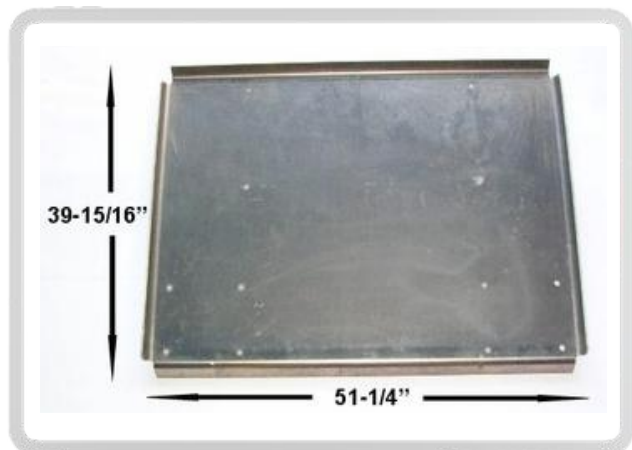
Hook, Outer



DA Pt # DA-17002
Alt Pt # D-170-7002
Description: Aluminum, LH, Hopper Door



DA Pt # DA-17003
Alt Pt # D-170-7003
Description: Aluminum, Hopper Door



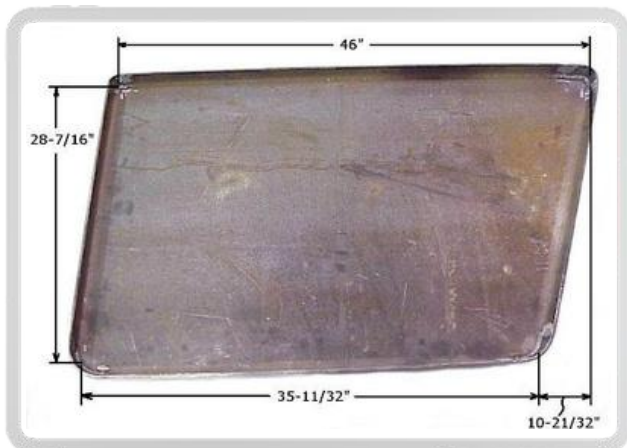
DA Pt # DA-17060
Alt Pt # 1020335
Description: Aluminum Hopper Door



DA Pt # DA-75793-1
Alt Pt # 75793-010
Description: Aluminum Hopper Door



DA Pt # DA-75793-2
Alt Pt # 75793-020
Description: Aluminum Hopper Door



DA Pt # DA-76031

Alt Pt # 76031

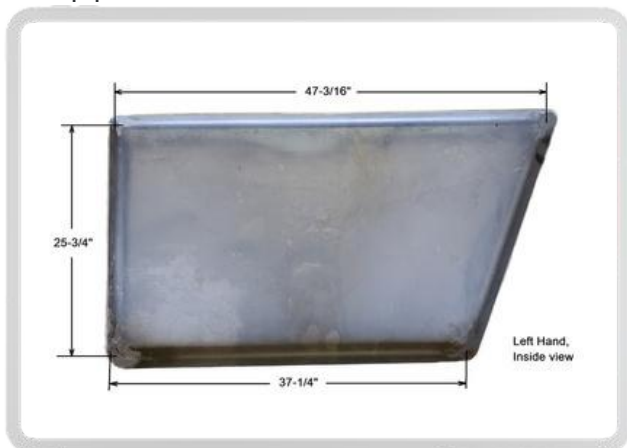
Description: Trapezoidal, LH Hopper Door



DA Pt # DA-76035

Alt Pt # 76035

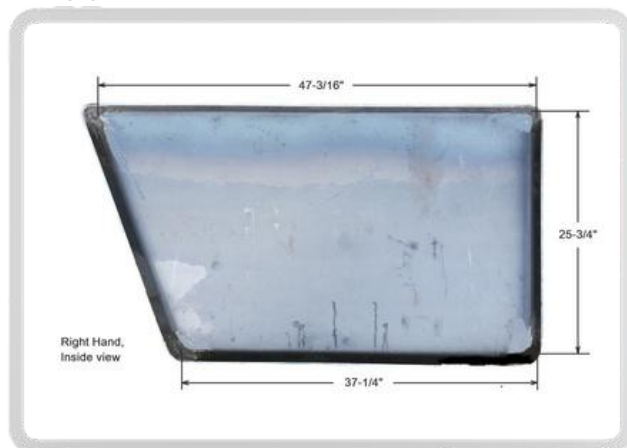
Description: Trapezoidal, RH Hopper Door



DA Pt # DA-52966

Alt Pt # 810-691551

Description: Trapezoidal, LH Hopper Door



DA Pt # DA-52965

Alt Pt # 810-689671

Description: Trapezoidal, RH Hopper Door



DA Pt # DA-47008

Alt Pt # D-004-7008

Description: Inner Hopper Door for RD Car



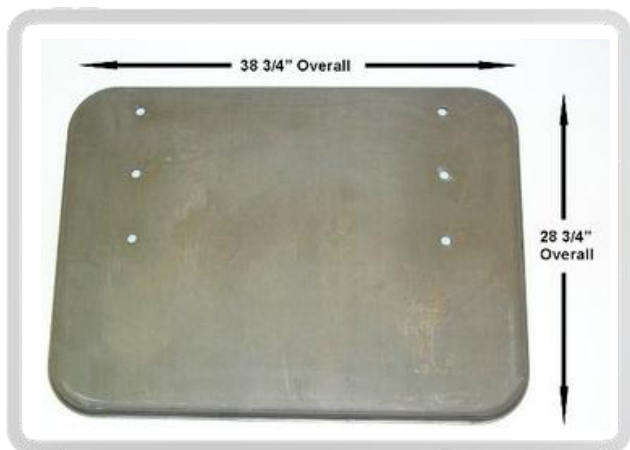
DA Pt # DA-47009

Alt Pt # D-004-7009

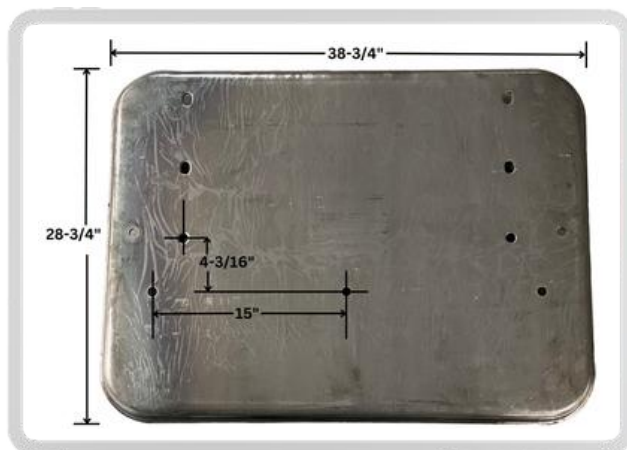
Description: Outer Hopper Door for RD Car

Conventional Open Top Hopper Doors

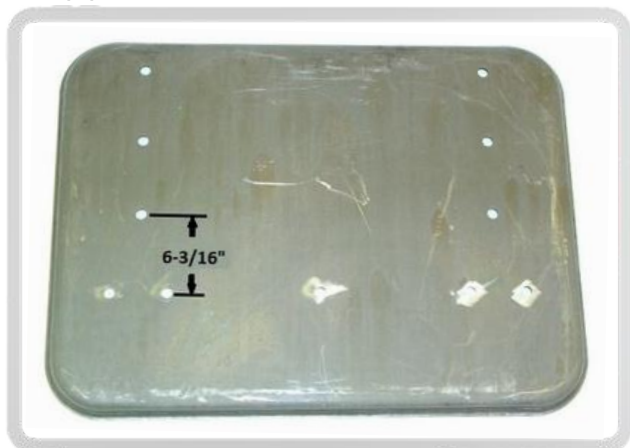
DA Hopper Door Part Number	Door Size	Lock Mounting Holes	Material Thickness	Material
DA-176003	Narrow	None	5/16"	Carbon Steel
DA-176003-CL	Narrow	WINE Cam Lock	5/16"	Carbon Steel
DA-176003-H	Narrow	WINE Spreader Beam	5/16"	Carbon Steel
DA-176005	Narrow	None	3/8"	Carbon Steel
DA-176005-H	Narrow	WINE Spreader Beam	3/8"	Carbon Steel
DA-76005	Narrow	None	1/4"	Stainless Steel
DA-76005-H	Narrow	WINE Spreader Beam	1/4"	Stainless teel
DA-176004	Wide	None	5/16"	Carbon Steel
DA-176004-CL	Wide	WINE Cam Lock	5/16"	Carbon Steel
DA-176004-SP	Wide	WINE Spreader Beam	5/16"	Carbon Steel
DA-176006	Wide	None	3/8"	Carbon Steel
DA-176006-H	Wide	WINE Spreader Beam	3/8"	Carbon Steel
DA-76006	Wide	None	1/4"	Stainless Steel
DA-76006-H	Wide	WINE Spreader Beam	1/4"	Stainless Steel
DA-176004-AL	Wide	None	1/4"	Aluminum



DA Pt # DA-176003
Alt Pt # D-170-6003
Description: Small
 Hopper Door



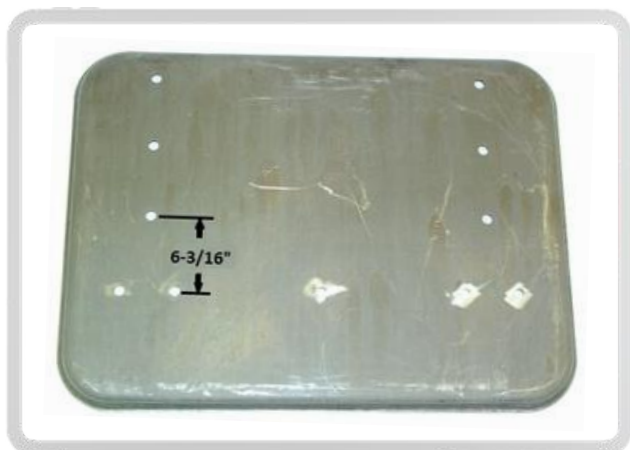
DA Pt # DA-176003-CL
Alt Pt # 176003CL
Description: Small, 5/16" Thick
 Hopper Door w/ Cam Lock Holes



DA Pt # DA-176003-H
Alt Pt # 176003H
Description: Hopper Door
 w/ Spreader Beam Holes, Small,
 Carbon Steel, 5/16" Thick



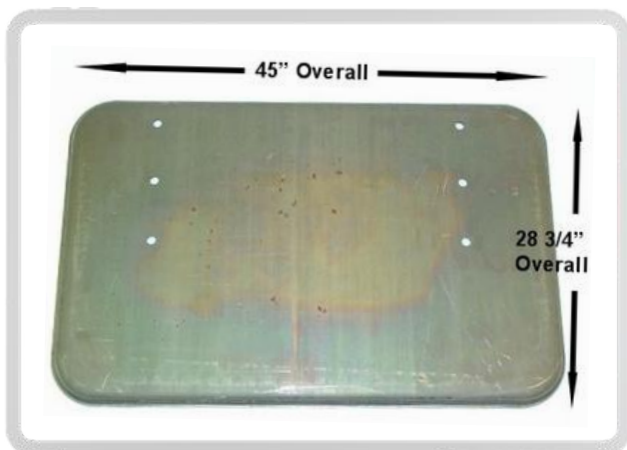
DA Pt # DA-176005
Alt Pt # 176005
Description: Small, Carbon Steel
 Hopper Door, 3/8" Thick



DA Pt # DA-176005-H
Alt Pt # 176005H
Description: Small, Carbon Steel
 Hopper Door, 3/8" Thick w/ Spreader Holes



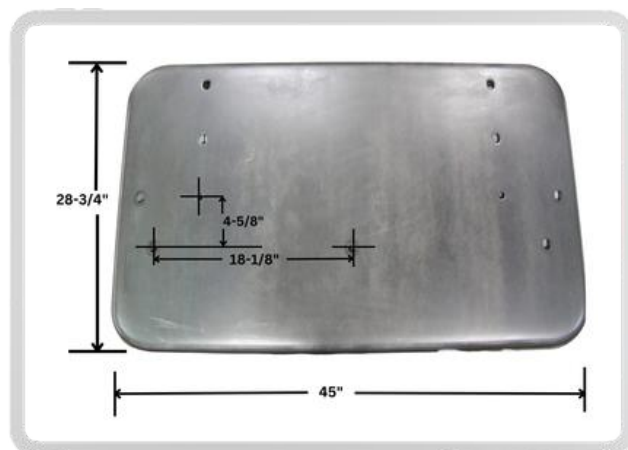
DA Pt # DA-10518
Alt Pt # M105186-000
Description: Hopper Door .313" Thick



DA Pt # DA-176004

Alt Pt # D-170-6004

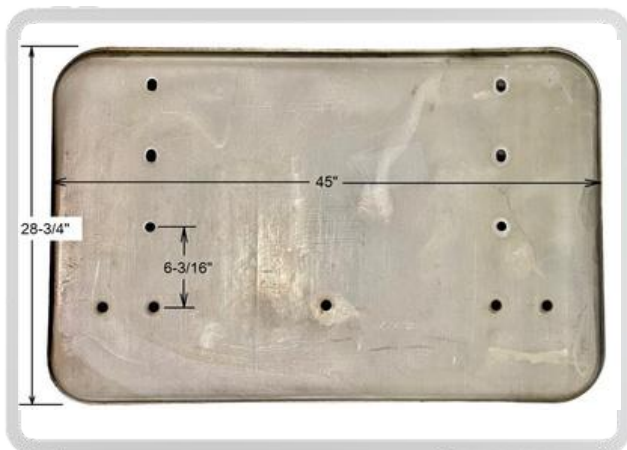
Description: Large
Hopper Door



DA Pt # DA-176004-CL

Alt Pt # 176004CL

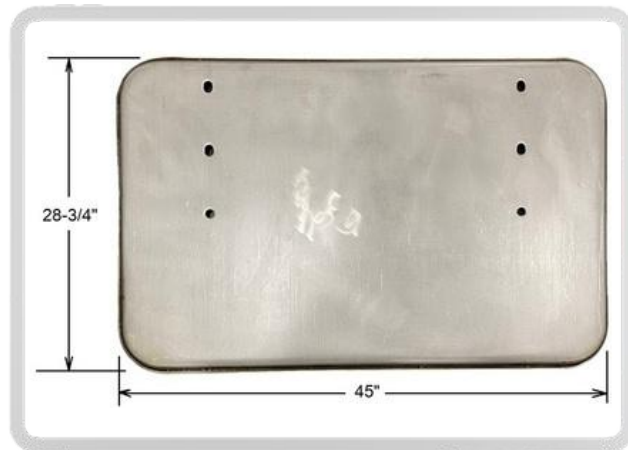
Description: Large, 5/16" Thick
Hopper Door w/ Cam Lock Holes



DA Pt # DA-176004-SP

Alt Pt # D-170-6004

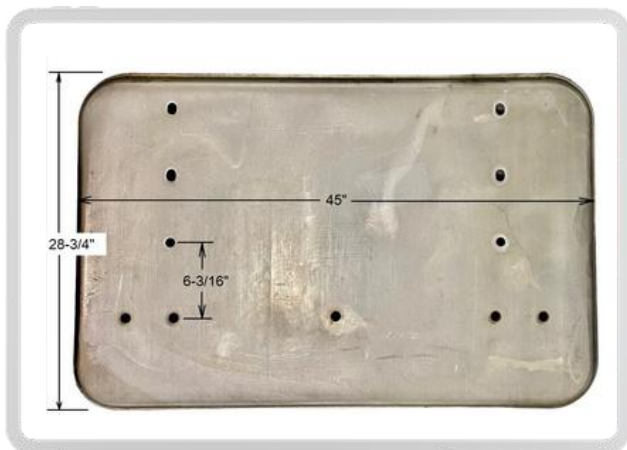
Description: Large, Carbon Steel, 5/16" Thick
Hopper Door w/ Spreader Beam Holes



DA Pt # DA-176006

Alt Pt # 176006

Description: Large, Carbon Steel
Hopper Door, Large, 3/8 inch Thick



DA Pt # DA-176006-H

Alt Pt # 176006H

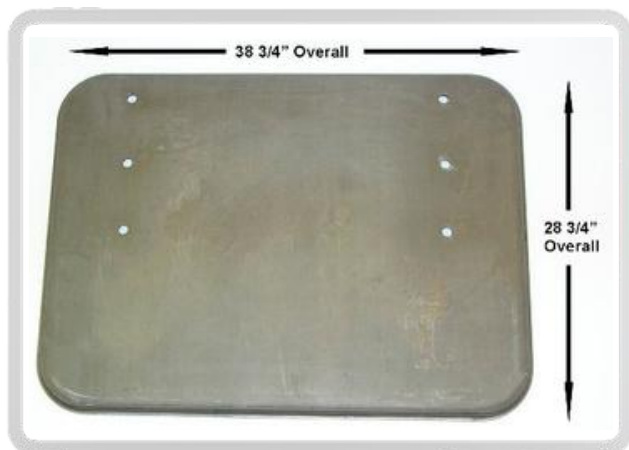
Description: Large, Carbon Steel
Hopper Door, 3/8" Thick w/ Spreader holes



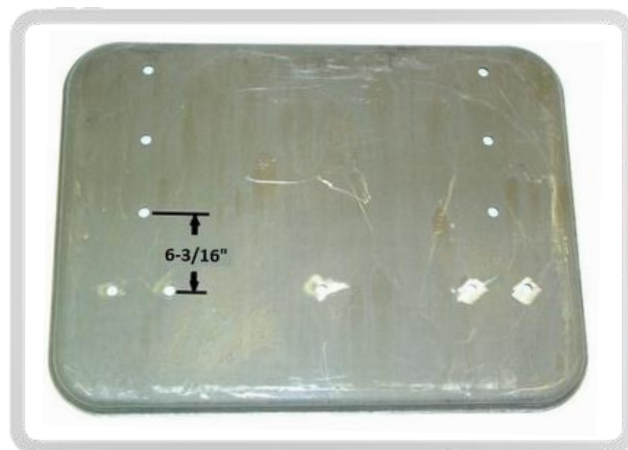
DA Pt # DA-176004-AL

Alt Pt # D-170-6004

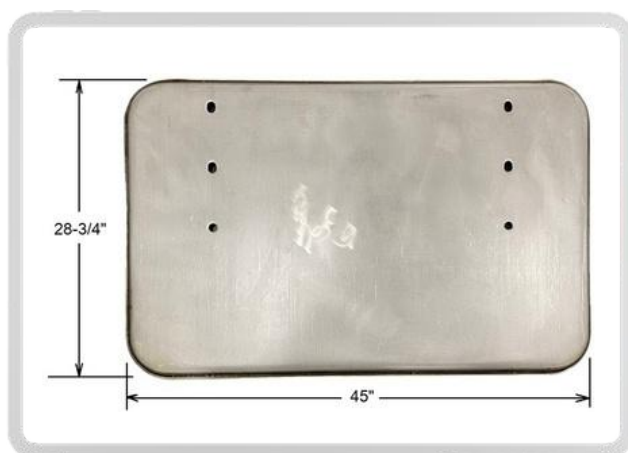
Description: Large, Aluminum
Hopper Door, 1/4" Thick



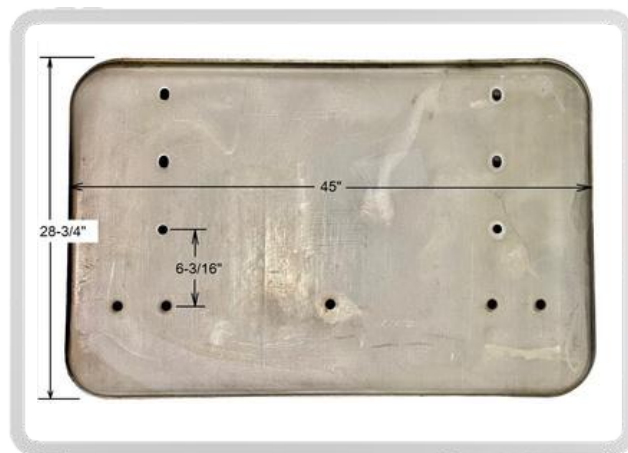
DA Pt # DA-76005
Alt Pt # D-170-6051
Description: Small, Stainless Steel Hopper Door, 1/4" Thick



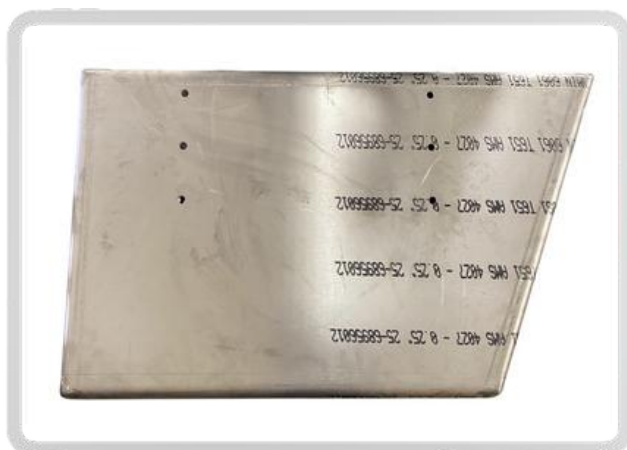
DA Pt # DA-76005-H
Alt Pt # 76005H
Description: Small, Carbon Steel 3/8" Thick w/ Spreader Holes



DA Pt # DA-76006
Alt Pt # 76006
Description: Large, Stainless Steel Hopper Door, 1/4" Thick



DA Pt # DA-76006-H
Alt Pt # 76006H
Description: Large, Stainless Steel 1/4" Thick w/ Spreader Holes



DA Pt # DA-00401
Alt Pt # 0200401
Description: Right Hand, Aluminum



DA Pt # DA-00402
Alt Pt # 0200402
Description: Left Hand, Aluminum



DA Pt # DA-25212

Alt Pt # HF-212-A

Description: 25-3/4" x 42", 30°
Hopper Frame, Rectangular



DA Pt # DA-25213

Alt Pt # HF-212-B

Description: 25-3/4" x 42", 30°
Hopper Frame, Rectangular



DA Pt # DA-25210

Alt Pt # HF-210-A

Description: 25-27/32" x 35-3/4", 45°
Hopper Frame, Rectangular



DA Pt # DA-25211

Alt Pt # HF-210-B

Description: 25-27/32" x 35-3/4", 45°
Hopper Frame, Rectangular



DA Pt # DA-18259

Alt Pt # HF-259-A-18

Description: Rectangle
Hopper Frame



DA Pt # DA-18260

Alt Pt # HF-259-B-18

Description: Rectangle
Hopper Frame



DA Pt # DA-10238

Alt Pt # HF-238-A-10

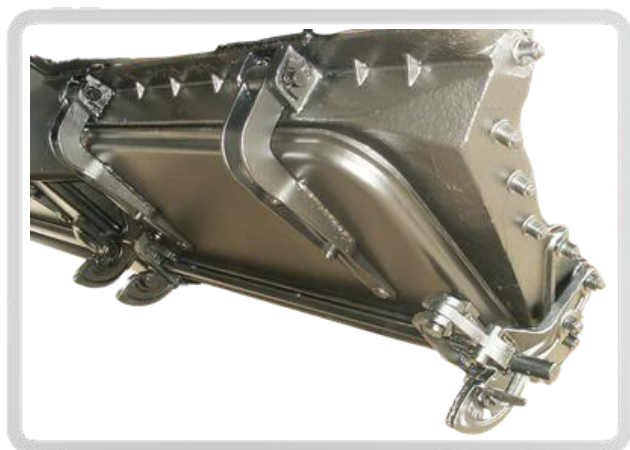
Description: 25-3/4" x 42", 45°
Hopper Frame



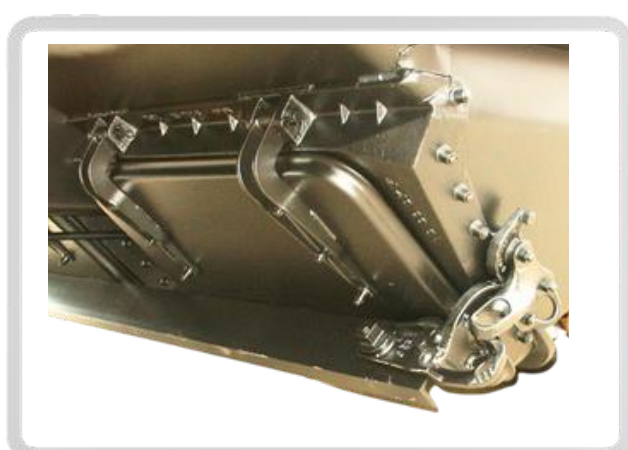
DA Pt # DA-10239

Alt Pt # HF-238-B-10

Description: 25-3/4" x 42", 45°
Hopper Frame



See pages 9 & 10 for complete list
of parts for complete opening
assembly



See Page 9 & 10 for complete
list of parts for complete opening
assembly





DA Pt # DA-00010

Alt Pt # C10

Description:

Knuckle Pin for Coupler



DA Pt # DA-20209

Alt Pt # 2CH-209

Description:

Latch

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DA Pt # DA-00000

Alt Pt # 00000

Description:

Wine Railcar Products



DA Pt # DA-15127

Alt Pt # CH-127-A

Description:

Latch Bracket



DA Pt # DA-15128

Alt Pt # CH-127-B

Description:

Latch Bracket



DA Pt # DA-05572

Alt Pt # 10305-572

Description:

Latch Housing



DA Pt # DA-05573

Alt Pt # 10305-573

Description:

Latch, Door Mechanism



DA Pt # DA-05016

Alt Pt # 10305-016

Description:

Latch Mechanism



DA Pt # DA-20210

Alt Pt # 2-CH-210

Description:

Latch Retainer



DA Pt # DA-01213

Alt Pt # C-1213

Description:

Lever, Bail Lever



DA Pt # DA-50044

Alt Pt # 093-40035

Description:

Lever End, Door Operating



DA Pt # DA-05010

Alt Pt # 10305-010

Description:

Link D, Lever



DA Pt # DA-05013
Alt Pt # 10305-013
Description: Lever, Door
Operating 19-1/2



DA Pt # DA-05034
Alt Pt # 10305-034
Description: Lever Fulcrum



DA Pt # DA-05061
Alt Pt # 10305-061
Description: Lever Link
Fulcrum at operating Beam



DA Pt # DA-05039
Alt Pt # 10305-039
Description: Lever Link G



DA Pt # DA-05580-1
Alt Pt # 10305-558-01
Description: Lever Shaft
Support Actuator



DA Pt # DA-05580-2
Alt Pt # 10305-558-02
Description: Lever Shaft
Support Actuator



DA Pt # DA-05557
Alt Pt # 10305-557
Description: Lever, Bilever



DA Pt # DA-05078
Alt Pt # 10305-078
Description: Lever, Door
Actuating



DA Pt # DA-05556
Alt Pt # 10305-556
Description: Lever, Door
Actuating



DA Pt # DA-05033
Alt Pt # 10305-033
Description: Lever, Door
Operating 20-13/16



DA Pt # DA-05559
Alt Pt # 10305-559
Description: Lever,
Operating 15-3/8



DA Pt # DA-05560
Alt Pt # 10305-560
Description: Lever,
Operating 15-17-1/16



DA Pt # DA-05012
Alt Pt # 10305-012
Description: Lever, Tri-lever Door Actuating



DA Pt # DA-05565
Alt Pt # 10305-565
Description: Lock - Spreader Fulcrum Cam



DA Pt # DA-52090
Alt Pt # 6877
Description: Left Hand Lock weld/seal pin bracket



DA Pt # DA-52101
Alt Pt # 6878
Description: RH, 2-1/4" Lock weld/seal pin bracket



DA Pt # DA-50772
Alt Pt # 06772-LH
Description: Left Hand Lock weld/seal pin bracket



DA Pt # DA-50773
Alt Pt # 06773-RH
Description: RH, 1-3/4" Lock weld/seal pin bracket



DA Pt # DA-50774
Alt Pt # 7043
Description: Left Hand Lock weld/seal pin bracket



DA Pt # DA-50775
Alt Pt # 7044
Description: RH, 2-1/16" Lock weld/seal pin bracket



DA Pt # DA-00000
Alt Pt # 00000
Description: Wine Railcar Products



DA Pt # DA-50099
Alt Pt # 5050099
Description: Lever, Operating



DA Pt # DA-00000
Alt Pt # 00000
Description: Wine Railcar Products



DA Pt # DA-10082-A

Alt Pt # 10082A

Description: Short, Outside
Lock Lift Follower



DA Pt # DA-10082-B

Alt Pt # 10082B

Description: Short
Door Lock



DA Pt # DA-30651

Alt Pt # 4999930651

Description: 1/4" Thick
L-Bracket



DA Pt # DA-10081-A

Alt Pt # 10081-A

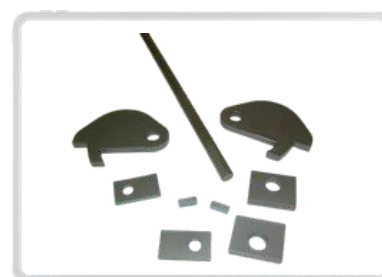
Description: Outside, Long
Lock Lift Follower



DA Pt # DA-10081-B

Alt Pt # 10081-B

Description: Short
Lock for Door



DA Pt # DA-68845

Alt Pt # 204910055

Description:
Outlet Gate Lock



DA Pt # DA-23193

Alt Pt # 023193-0

Description:
Wedge Lock Assembly



DA Pt # DA-00000

Alt Pt # 00000

Description:
Wine Railcar Products



DA Pt # DA-05063

Alt Pt # 10305-063

Description: Operating
Beam Support



DA Pt # DA-00000

Alt Pt # 00000

Description:
Wine Railcar Products



DA Pt # DA-70001

Alt Pt # 30149

Description: Single Sided
Hatch Cover Lock



DA Pt # DA-70002

Alt Pt # 30311

Description: Double Sided
Hatch Cover Lock



DA Pt # DA-28112

Alt Pt # PK-2-A

Description:

Pawl



DA Pt # DA-29112

Alt Pt # PK-2-B

Description:

Pawl



DA Pt # DA-32343

Alt Pt # PK-343-A

Description:

Pawl



DA Pt # DA-34343

Alt Pt # PK-343-B

Description:

Pawl



DA Pt # DA-43480

Alt Pt # PK-480-A

Description:

Pawl



DA Pt # DA-44480

Alt Pt # PK-480-B

Description: Inner

Pawl



DA Pt # DA-17417

Alt Pt # CL-7

Description:

Pawl



DA Pt # DA-92266

Alt Pt # MB-999-5186

Description:

Plunger Nose



DA Pt # DA-42498

Alt Pt # MC-498

Description:

Pipe Bracket



DA Pt # DA-00000

Alt Pt # 00000

Description:

Wine Railcar Products



DA Pt # DA-33179

Alt Pt # 2-CH-327

Description:

Pinion Gear

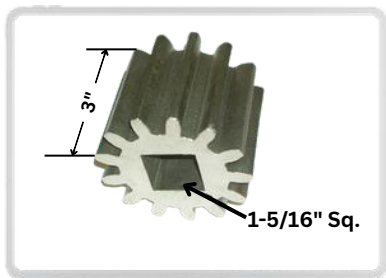


DA Pt # DA-33178

Alt Pt # 2-CH-328

Description: Outer

Pinion Gear



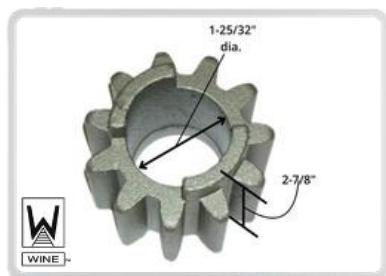
DA Pt # DA-30304
Alt Pt # DA-502-SS
Description: Pinion Gear,
 Stainless Steel



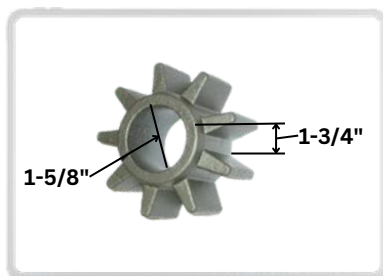
DA Pt # DA-21130
Alt Pt # DA-29-304-SS
Description: Pinion
 Gear, Stainless Steel



DA Pt # DA-00183
Alt Pt # 10083
Description: Pinion Gear,
 2-1/4" Dia. Round Hole



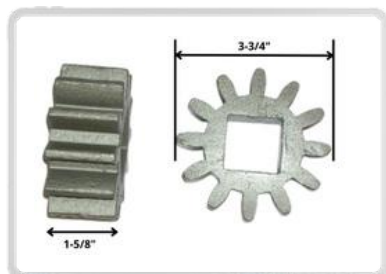
DA Pt # DA-21129
Alt Pt # CH-29
Description: Pinion Gear,
 1-25/32" dia. Hole



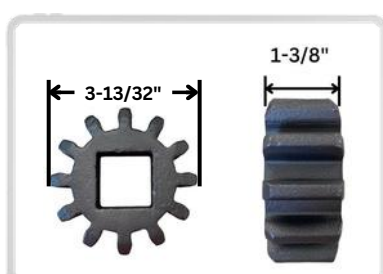
DA Pt # DA-69400
Alt Pt # OVPA-694
Description: Pinion Gear,
 1-3/4" W x 1-5/8" dia.



DA Pt # DA-70209
Alt Pt # DA-29-A
Description: Pinion Gear,
 1-5/16" Sq. Hole, 1-7/8" W



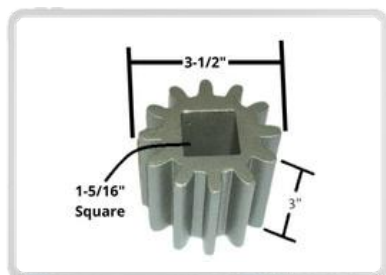
DA Pt # DA-70210
Alt Pt # DA-29-B
Description: Pinion Gear,
 Square Hole



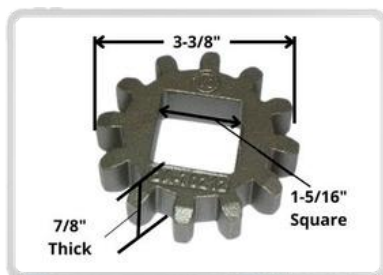
DA Pt # DA-70211
Alt Pt # 70211
Description: Pinion Gear,
 Square Hole, 1-3/8" W



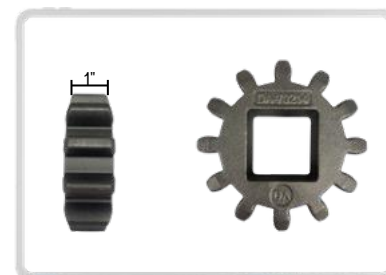
DA Pt # DA-10129
Alt Pt # E-10129
Description:
 Pinion Gear



DA Pt # DA-52082
Alt Pt # DA-502
Description:
 Pinion Gear



DA Pt # DA-70212
Alt Pt # 70212
Description:
 Pinion Gear



DA Pt # DA-70214
Alt Pt # 70214
Description: Pinion Gear,
 1" Wide

Pinion Shafts



One end machined for capstan

DA Pt. #	Wine Pt #	Shaft Length	Rod Diameter
DA-21934	1CH-409-1	30-3/4"	1-3/4"
DA-41051	1-CH-409-3	30-1/2"	1-3/4"
DA-42010	1-CH-409-11	30"	1-3/4"



Both ends machined for capstan

DA Pt. #	Wine Pt #	Shaft Length	Rod Diameter
DA-31001	1-CH-340-1	38-3/8"	1-3/4"
DA-31018	1CH-340-18	40-1/2"	1-3/4"
DA-31033	1CH-340-3	61"	1-3/4"
DA-33026	1CH-340-16	66"	1-3/4"
DA-34005	1-CH-340-5	53"	1-3/4"
DA-34805	1CH-340-13	60-1/2"	1-3/4"



Square pinion shaft

DA Pt. #	Alt Pt. #	Shaft Length	Shaft Diameter
DA-01723	01723	36-3/8"	1-1/4"
DA-01733	01733	33"	1-1/4"
DA-07177	07177	65"	1-1/4"
DA-07248	07248	48"	1-1/4"
DA-01744	01744	44"	1-1/4"
DA-07176	07176	64"	1-1/4"
DA-07180	07180	58-1/2"	1-1/4"
DA-07249	07249	50"	1-1/4"

Alternate Sizes Available

Pinion Shaft Assembly



DA Pt # DA-24806

Description:

Pinion Shaft Assembly, Large, 86.5"

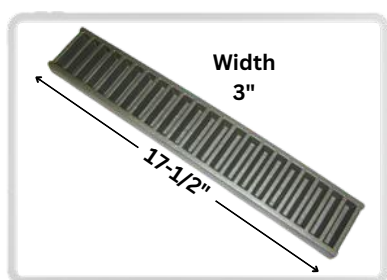
Pinion Shaft Assembly



DA Pt # DA-24807

Description:

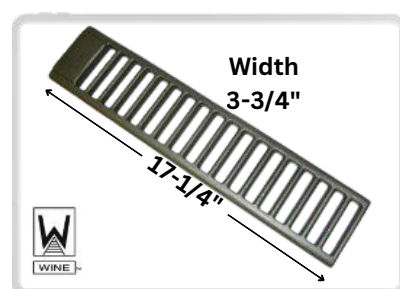
Pinion Shaft Assembly, Small, 66.875"



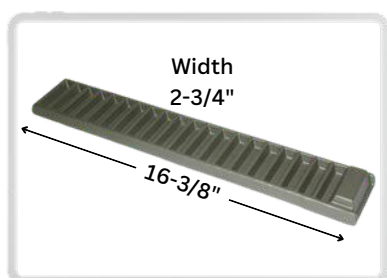
DA Pt # DA-41423
Alt Pt # DA-423
Description: Rack
17-1/2" L x 3" Wide



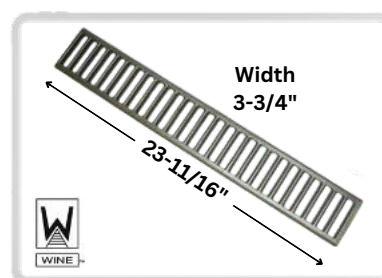
DA Pt # DA-70215
Alt Pt # 70215
Description:
Rack



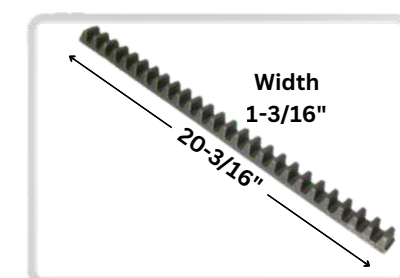
DA Pt # DA-13096
Alt Pt # 2CH-156
Description: Rack
17-1/4" L x 3-3/4"W



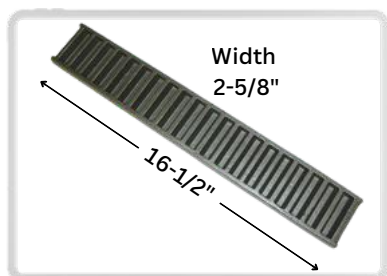
DA Pt # DA-42339
Alt Pt # DA-4029
Description: Rack
16-3/8" L x 2-3/4" W



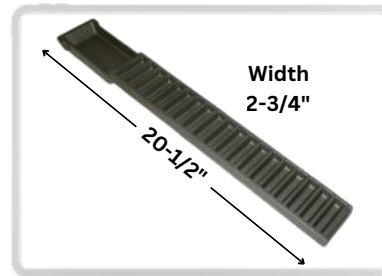
DA Pt # DA-33181
Alt Pt # 2CH-331
Description: Rack
23-11/16" L x 3-3/4"W



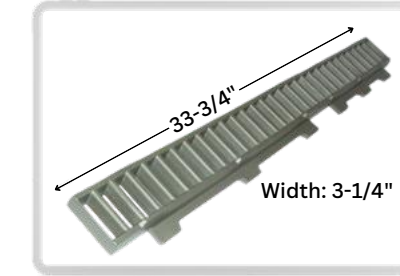
DA Pt # DA-70213
Alt Pt # 70213
Description: Rack
20-3/16" L x 1-3/16"W



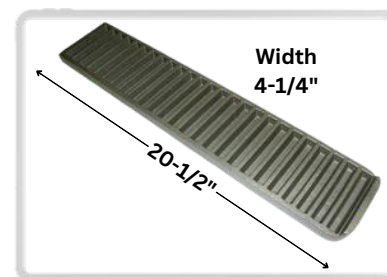
DA Pt # DA-42328
Alt Pt # DA-7028
Description: Rack
16-1/2" L x 2-5/8" W



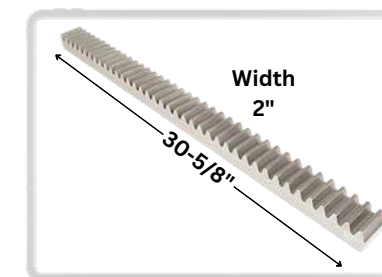
DA Pt # DA-42340
Alt Pt # 4030
Description: Rack
20-1/2" L x 2-3/4" W



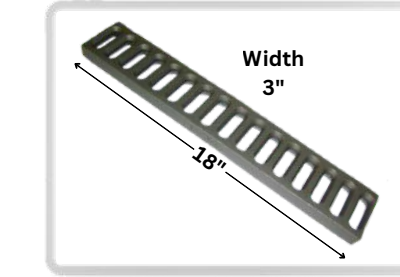
DA Pt # DA-42382
Alt Pt # VPA-6182
Description: Rack
33-3/4" L x 3-1/4" W



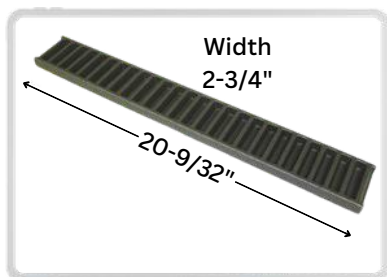
DA Pt # DA-42372
Alt Pt # DA-422
Description: Rack
20-1/2" L x 4-1/4" W



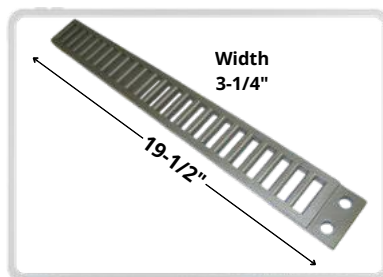
DA Pt # DA-50094
Alt Pt # 50094152
Description: Rack
30-5/8" L x 2"W



DA Pt # DA-42444
Alt Pt # 955002
Description: Rack
18" L x 3"W



DA Pt # DA-10111
Alt Pt # MKE-10111
Description: Rack
20-9/32" L, 2-3/4"W



DA Pt # DA-00185
Alt Pt # 10085-02
Description: Rack
19-1/2"L, 3-1/4"W



DA Pt # DA-00000
Alt Pt # 00000
Description:
Wine Railcar Products



DA Pt # DA-05184
Alt Pt # 10305-184
Description: Rein. Spreader
& Fulcrum, right Door



DA Pt # DA-32272
Alt Pt # M-336-5072
Description: 5th wheel
Release Handle





DA Pt # DA-00640
Alt Pt # RR-640
Description: Narrow Door
Rapid Release Cam Lock Ass'y



DA Pt # DA-00640-1
Alt Pt # RR-640-1
Description: Narrow Door
Rapid Release Cam Lock Ass'y



DA Pt # DA-00642
Alt Pt # RR-642
Description: Wide Door
Rapid Release Cam Lock Ass'y



DA Pt # DA-00642-1
Alt Pt # RR-642-1
Description: Wide Door
Rapid Release Cam Lock Ass'y

See Rapid Release Assembly Page 11

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Latest News at D.A.

DA Pt # DA-00000
Alt Pt # 00000
Description:
Wine Railcar Products



DA Pt # DA-00611
Alt Pt # RR-611-L
Description: LH
Rapid Release Hook



DA Pt # DA-00612
Alt Pt # RR-611-R
Description: RH
Rapid Release Hook



DA Pt # DA-00651
Alt Pt # RR-651-L
Description: LH
Rapid Release Hook



DA Pt # DA-00652
Alt Pt # RR-651-R
Description: RH
Rapid Release Hook



DA Pt # DA-00659
Alt Pt # RR-659-L
Description: LH
Rapid Release Hook



DA Pt # DA-00660
Alt Pt # RR-659-R
Description: RH,
Rapid Release Hook



DA Pt # DA-16966
Alt Pt # E-16096-B
Description: Striker
Front Draft Lug Assembly



DA Pt # DA-30001
Alt Pt # DA-30001
Description: Striker &
Front Draft Lug Assembly



DA Pt # DA-14100
Alt Pt # D-10410-C
Description: Striker &
Front Draft Lug Assembly



DA Pt # DA-07033
Alt Pt # M107033-000
Description: Sill Step



DA Pt # DA-05187
Alt Pt # 10305-187
Description: Support
Shaft



DA Pt # DA-33505
Alt Pt # 3505-A
Description:
Truck Damp



DA Pt # DA-14061
Alt Pt # 10314-061
Description: Transition
Casting



Description: Spreader Beam



DA Pt # DA-00403
Alt Pt # 0200403
Description: Z-Shaped
Spreader Beam, Aluminum

DA Pt. #	Alt Pt. #	Dimensions
DA-10991	DA-10991	6" x 94.375"
DA-10992	DA-10992	6" x 99"
DA-10993	DA-10993	6" x 97.75"
DA-10994	DA-10994	6" x 101.75"
DA-10996	490562-0	6" x 102.375"



DA Pt # DA-50070
Alt Pt # 093-40051
Description:
Lug for Spring Assist



DA Pt # DA-50030
Alt Pt # 093-40030
Description:
Fulcrum Spring



DA Pt # DA-50034
Alt Pt # 50034
Description:
Spring Guide Adj. Plate



DA Pt # DA-14123
Alt Pt # 131-40123
Description: Green
Spring for Spring Assist

See Complete Spring Assist Assembly Page 7 & 8



DA Pt # DA-50069
Alt Pt # 093-40050
Description:
Spring Assembly Bracket



DA Pt # DA-09048
Alt Pt # 50067
Description:
Spring Guide and Stop



DA Pt # DA-50038
Alt Pt # 131-40121
Description: White
Spring for Spring Assist



DA Pt # DA-00000
Alt Pt # 00000
Description:
Wine Railcar Products



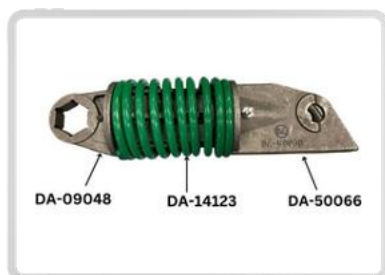
DA Pt # DA-50039
Alt Pt # 093-40028
Description:
Spring Guide



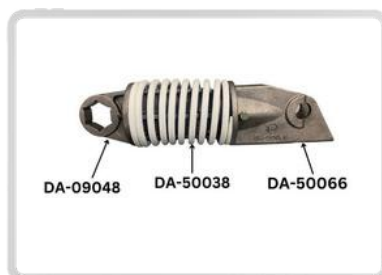
DA Pt # DA-50040
Alt Pt # 093-40029
Description:
Spring Guide Bracket



DA Pt # DA-50066
Alt Pt # 093-40047
Description:
Spring Guide Bracket Cap



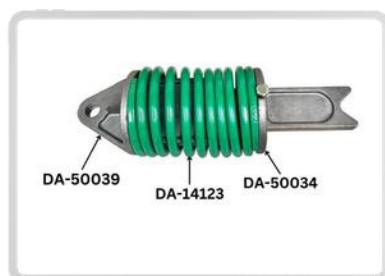
DA Pt # DA-50000-G
Alt Pt # 50000G
Description: Compressed Spring Assist Assembly #1



DA Pt # DA-50000-W
Alt Pt # 50000W
Description: Compressed Spring Assist Assembly #1



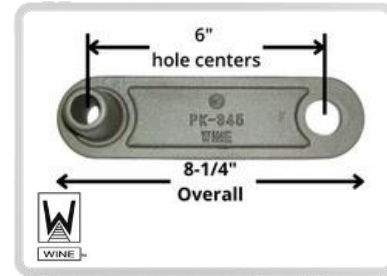
DA Pt # DA-33605
Alt Pt # PK-35
Description: Trunnion Washer



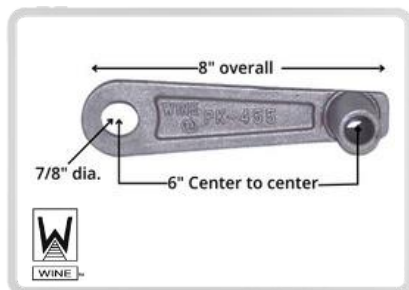
DA Pt # DA-50002-G
Alt Pt # 50002G
Description: Compressed Spring Assist Assembly #2



DA Pt # DA-50002-W
Alt Pt # 50002W
Description: Compressed Spring Assist Assembly #2



DA Pt # DA-37345
Alt Pt # PK-345
Description: Trunnion Washer



DA Pt # DA-43455
Alt Pt # PK-455
Description: Trunnion Washer



DA Pt # DA-11222
Alt Pt # 11222
Description: Vibrator Bracket



DA Pt # DA-11224
Alt Pt # 11224
Description: Vibrator Bracket



DA Pt # DA-01710
Alt Pt # M-167-5000
Description: Bolt on Vibrator Bracket



DA Pt # DA-01711
Alt Pt # DA-167-6000
Description: Weld on Vibrator Bracket



DA Pt # DA-01711-A
Alt Pt # DA-01711-A
Description: Vibrator Bracket Casting & Backing Plate Assembly

Boxcar Parts



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DA Pt # DA-59411
Alt Pt # 029411
Description:
Adjustable Crankshaft



DA Pt # DA-56278
Alt Pt # 006278
Description:
Adjustable Rod End



DA Pt # DA-57595
Alt Pt # 027595
Description: Inner
Anti Kick Back Pawl



DA Pt # DA-57596
Alt Pt # 027596
Description: Outer
Anti Kick Back Pawl



DA Pt # DA-58326
Alt Pt # 058326
Description: 5-5/16"
Bottom Crank & Extension



DA Pt # DA-60169
Alt Pt # 060169
Description: 6-1/8"
Bottom Crank & Extension



DA Pt # DA-56381
Alt Pt # 056381
Description:
Bracket, Auxiliary Lock Sill



DA Pt # DA-53229
Alt Pt # 053229
Description:
Bracket, Lock Post



DA Pt # DA-50562
Alt Pt # 053565
Description:
Cam, Lower Operating



DA Pt # DA-53559
Alt Pt # 053559
Description:
Cam, Operating



DA Pt # DA-59200
Alt Pt # 059200
Description:
Cam, Upper Operating



DA Pt # DA-58992
Alt Pt # 028992
Description:
Cam, Seal Cam Casting



DA Pt # DA-58330

Alt Pt # 038330

Description:

Clevis Casting



DA Pt # DA-53181

Alt Pt # 063181

Description:

Connector Clevis



DA Pt # DA-58030

Alt Pt # 058030

Description:

Door Stop



DA Pt # DA-53548

Alt Pt # 010892

Description:

Gear



DA Pt # DA-57029

Alt Pt # 057029

Description:

Handle Casting



DA Pt # DA-53802

Alt Pt # 53802

Description: 2pc Kit

Hasp Body & End



DA Pt # DA-53800

Alt Pt # 005155

Description:

Hasp, Body



DA Pt # DA-53801

Alt Pt # 005157

Description:

Hasp, End



DA Pt # DA-55159

Alt Pt # 005159

Description:

Hasp, Lock

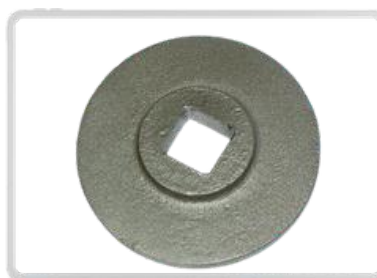


DA Pt # DA-54494

Alt Pt # 041494

Description:

Hold Open Arm



DA Pt # DA-53555

Alt Pt # 053555

Description:

Lever Adapter



DA Pt # DA-57687

Alt Pt # 027687

Description:

Lock Side Bolt

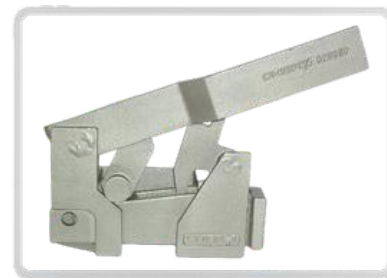


DA Pt # DA-58978

Alt Pt # 028978

Description:

Lock Wedge Assembly



DA Pt # DA-58980

Alt Pt # 028980

Description:

Lock Wedge Assembly



DA Pt # DA-57715

Alt Pt # 027715

Description:

Pipe Bottom Extension



DA Pt # DA-34175

Alt Pt # 005463

Description:

Ratchet Pawl



DA Pt # DA-57650

Alt Pt # 027650

Description:

Ratchet Pawl



DA Pt # DA-57400

Alt Pt # 027400

Description:

Rod End Casting



DA Pt # DA-52340

Alt Pt # 002340

Description:

Roller Assembly



DA Pt # DA-57385-1

Alt Pt # 027349

Description:

Roller Housing w/ Hook



DA Pt # DA-50498-1

Alt Pt # 050498

Description:

Roller Housing w/o Hook



DA Pt # DA-57382

Alt Pt # 027382

Description:

Roller Stop Casting



DA Pt # DA-43279

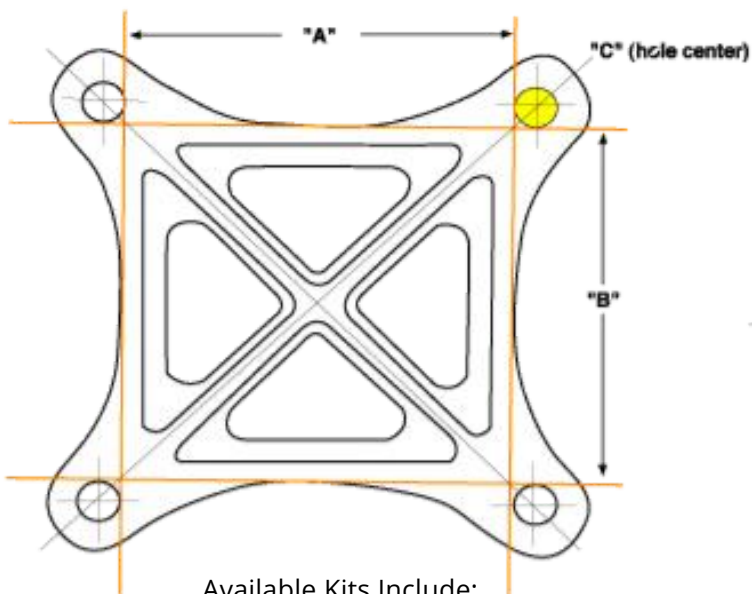
Alt Pt # 43279

Description:

Seal Cam Assembly

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Bus Bar Clamps



Available Kits Include:
2-Bus Bar Clamps, 4-GR.8 Bolts, 4-Nuts

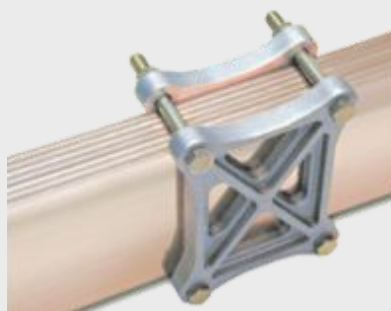
Bus Bar Clamps and Kits				
Part Number	Est. Wt.	"A"	"B"	"C"
DA-750426	3.1 lbs	4.00	4.00	1/2-13
DA-750427	3.3 lbs	4.00	6.00	1/2-13
DA-750428	3.6 lbs	6.00	6.00	1/2-13
DA-750429	3.6 lbs	4.00	8.00	5/8-11
DA-750430	7.1 lbs	6.00	8.00	5/8-11
DA-750431	7.8 lbs	8.00	8.00	5/8-11
DA-750426-K	7 lbs	4.00	4.00	1/2-13
DA-750427-K	7.5 lbs	4.00	6.00	1/2-13
DA-750428-K	8 lbs	6.00	6.00	1/2-13
DA-750429-K	8 lbs	4.00	8.00	5/8-11
DA-750430-K	15 lbs	6.00	8.00	5/8-11
DA-750431-K	17 lbs	8.00	8.00	5/8-11

Bus Bar Clamp Bolt Length Table				
# Laminations	Clamp Sizes: 4x4 4x6 6x6		Clamp Sizes: 4x8 6x8 8x8	
	0.25" Copper	0.50" Copper	0.25" Copper	0.50" Copper
2	2.75"	3.275"	3.50"	4.00"
3	3.00"	3.750"	3.75"	4.50"
4	3.25"	4.250"	4.00"	5.00"
5	3.50"	4.750"	4.25"	5.50"
6	3.75"	5.250"	4.50"	6.00"
7	4.00"	5.750"	4.75"	6.50"
8	4.25"	6.250"	5.00"	7.00"
9	4.50"	6.750"	5.25"	7.50"
10	4.75"	7.250"	5.50"	8.00"
11	5.00"	7.750"	5.75"	8.50"
12	5.25"	8.250"	6.00"	9.00"
13	5.50"	8.750"	6.25"	9.50"
14	5.75"	9.250"	6.50"	10.00"
15	6.00"	9.750"	6.75"	10.50"
16	6.25"	10.250"	7.00"	11.00"
17	6.50"	10.750"	7.25"	11.50"
18	6.75"	11.250"	7.50"	12.00"
19	7.00"	11.750"	7.75"	12.50"
20	7.25"	12.250"	8.00"	13.00"

Rec. Torque Specifications:
40 ft. lbs.

Rec. Torque Specifications:
40 ft. lbs.

TYPICAL CHEMICAL ANALYSIS* AISI C-1045					MINIMUM KEEL BLOCK TEST BAR PROPERTIES					TYPICAL HARDNESS
C%	MN%	SI%	P% Max.	S% Max.	Ultimate Strength PSI	Yield Strength PSI	Elong. In 2" %	Red. In Area	Heat Treatment	Brinell Hardness
0.45	0.7	0.45	0.05	0.05	90,000	60,000	20	40	Q&T	180-230



*Medium Carbon Steel - Investment castings produced from these steels are readily machinable, readily welded, and have excellent Ductility.
Finish Required - Hot Dip Galvanized



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Part Index

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	D.A. Part Number	Alt. Pt. Number	Description	Weight (lbs)	Page Number
A	DA-59411	029411	Adjustable Crankshaft	1.3	63
	DA-56278	006278	Adjustable Rod End	3.3	63
B	DA-12200	OPC-122	Bar Socket	4.2	12
	DA-61272	2CH-642-A	Bearing	8.6	13
	DA-63282	2CH-642-B	Bearing	8.6	13
	DA-14504	CL-4-A	Bearing	4.0	13
	DA-14514	CL-4-B	Bearing	4.0	13
	DA-13413	CL-3-A	Bearing	6.5	13
	DA-13423	CL-3-B	Bearing	6.5	13
	DA-23108	2CH-258	Bearing	1.8	13
	DA-00648	DA-648	Bearing Block	3.2	13
	DA-43433	PK-433	Bearing Block	0.5	13
	DA-11008	OPC-118	Bearing, Center Bearing	5.5	12
	DA-12000	OPC-120	Bearing, Outer Bearing	6.0	12
	DA-53619	000619	Bell Crank, AAR 55	9.4	13
	DA-53850	000850	Bell Crank, AAR 66	12.1	13
	DA-03654	DA-3654-140	Bolster Rim Replacement, 14" dia.	13.6	14
	DA-03710	DA-3709-141	Bolster Rim Replacement, 14" dia.	20.0	14
	DA-03711	DA-3709-160	Bolster Rim Replacement, 16" dia.	21.8	14
	DA-58326	058326	Bottom Crank & Extension, 5-5/16"	15.2	63
	DA-60169	060169	Bottom Crank & Extension, 6-1/8"		63
	DA-18176	PK-176-A	Bracket	6.5	14
	DA-18276	PK-176-B	Bracket	6.5	14
	DA-30341	PK-341-A	Bracket	7.0	14
	DA-31341	PK-341-B	Bracket	7.0	14
	DA-45482	PK-482-A	Bracket	7.0	14
	DA-46482	PK-482-B	Bracket	7.0	14
	DA-28275-A	28275-A	Bracket, Gate Lock Bracket	2.8	34
	DA-28275-B	28275-B	Bracket, Gate Lock Bracket	2.8	34
	DA-24804	24804	Bracket, Large Pinion Shaft Bracket (Flat ends)		15
	DA-24805	24805	Bracket, Small Pinion Shaft Bracket (Flat & Angled ends)		15
	DA-56381	056381	Bracket, Auxiliary Lock Sill Bracket	1.0	63
	DA-31513	MC-410	Bracket, Dead Lever Clevis Bracket	8.0	18
	DA-42467	MC-467	Bracket, Eyebolt Connection Bracket	6.6	15
	DA-43511	MC-511	Bracket, Eyebolt Bracket	8.0	15
	DA-48234	PK-482-A-34	Bracket, Fulcrum Bracket	7.0	14
	DA-48334	PK-482-B-34	Bracket, Fulcrum Bracket	7.0	14
	DA-04268	T-130	Bracket, Fulcrum Bracket	9.3	33
	DA-15128	CH-127-B	Bracket, Latch Bracket	2.0	47
	DA-15127	CH-127-A	Bracket, Latch Bracket	2.0	47
	DA-30651	4999930651	Bracket, L-Bracket, 1/4" Thick	4.0	50
	DA-53229	053229	Bracket, Lock Post Bracket	0.8	63
	DA-52090	6877	Bracket, Lock Weld/Seal Bracket Assembly - Left Hand	3.2	49
	DA-50772	06772-LH	Bracket, Lock Weld/Seal Bracket Assembly - Left Hand	3.2	49
	DA-50774	7043	Bracket, Lock Weld/Seal Bracket Assembly - Left Hand	3.2	49
	DA-52101	6878	Bracket, Lock Weld/Seal Bracket Assembly - Right Hand	3.2	49
	DA-50773	06773-RH	Bracket, Lock Weld/Seal Bracket Assembly - Right Hand	3.2	49
	DA-50775	7044	Bracket, Lock Weld/Seal Bracket Assembly -Right Hand	3.2	49
	DA-42498	MC-498	Bracket, Pipe Bracket	11.1	51

C

D.A. Part Number	Alt. Pt. Number	Description	Weight (lbs)	Page Number
DA-50069	093-40050	Bracket, Spring Assembly Bracket	5.7	59
DA-50040	093-40029	Bracket, Spring Guide Bracket	10.0	59
DA-50066	093-40047	Bracket, Spring Guide Bracket Cap	16.9	59
DA-11224	11224	Bracket, Vibrator Bracket	24.8	60
DA-11222	11222	Bracket, Vibrator Bracket	33.0	60
DA-01711-A	DA-01711-A	Bracket, Vibrator Bracket & Backing Plate Assembly	79.5	60
DA-01710	M-167-5000	Bracket, Vibrator Bracket, Bolt-On	37.2	60
DA-01711	DA-167-6000	Bracket, Vibrator Bracket, Weld-On	37.1	60
Bus Bar Clamps Chart Pg. 67				
DA-43514	MC-514	Bushing	1.2	14
DA-41512	4CL-15-2	Cam Lock Assembly, Long, Left Hand	64.0	16
DA-41612	4CL-16-2	Cam Lock Assembly, Long, Right Hand	64.0	16
DA-41511	4CL-15-1	Cam Lock Assembly, Short, Left Hand	65.2	16
DA-41611	4CL-16-1	Cam Lock Assembly, Short, Right Hand	60.0	16
DA-00640	RR-640	Cam Lock Ass'y for Rapid Release, Narrow Door	226.0	57
DA-00640-1	RR-640-1	Cam Lock Ass'y for Rapid Release, Narrow Door	238.0	57
DA-00642	RR-642	Cam Lock Ass'y for Rapid Release, Wide Door	228.0	57
DA-00642-1	RR-642-1	Cam Lock Ass'y for Rapid Release, Wide Door		57
DA-17023	CL-2-B	Cam Lock, Inner, Left Hand	4.3	16
DA-17012	CL-2-A	Cam Lock, Inner, Right Hand	4.3	16
DA-17011	CL-1-A	Cam Lock, Outer, Left Hand	5.0	16
DA-10001	CL-1-B-1	Cam Lock, Outer, Left Hand	5.5	16
DA-17111	CL-1-B	Cam Lock, Outer, Right Hand	5.0	16
DA-10011	CL-1-A-1	Cam Lock, Outer, Right Hand	5.5	16
DA-50562	053562	Cam, Lower Operating Cam	1.3	63
DA-53559	053559	Cam, Operating Cam	0.4	63
DA-59200	059200	Cam, Upper Operating Cam	1.3	63
DA-33633	FD-3063	Capstan	7.2	18
DA-42391	DA-4081	Capstan	7.8	17
DA-10080	E-10080	Capstan	14.7	17
DA-16298	16298	Capstan	14.0	17
DA-08843	E-8843	Capstan	14.1	17
DA-00158	530-0158	Capstan Casting	12.6	17
DA-33142	2CH-322	Capstan Lock	1.1	18
DA-91701	D965361-2	Capstan Reinforcement	2.8	18
DA-43413	DA-403	Capstan	14.0	17
DA-65005	GM165005	Capstan, Gate Drive Capstan	10.6	17
DA-41931	DA-402-1	Capstan, Long	20.0	17
DA-41902	DA-402	Capstan, Long Universal Capstan with Insert	17.6	17
DA-25690	OVPA-2569	Capstan, Outlet Gate Capstan, Square Hole	9.6	17
DA-01211	2CH-121	Capstan, Outlet Gate Capstan, Square Hole	7.6	17
DA-41890	DA-400	Capstan, Short Universal Capstan with Insert	7.6	17
DA-05219	10305-219	Casting Door Mechanism	71.0	19
DA-11008	OPC-118	Center Bearing	5.5	12
DA-58330	038330	Clevis Casting	2.0	64
DA-05272	10305-272	Clevis, Slotted Cylinder	21.1	18
DA-50000-G	50000G	Compressed Spring Assist Assembly #1	55.0	60
DA-50000-W	50000W	Compressed Spring Assist Assembly #1		60
DA-50002-G	50002G	Compressed Spring Assist Assembly #2	39.0	60

D

D.A. Part Number	Alt. Pt. Number	Description	Weight (lbs)	Page Number
DA-50002-W	50002W	Compressed Spring Assist Assembly #2		60
		Compressed Spring Assist Assembly Chart Pg. 7		
DA-05032	10305-032	Connector - Operating Beam	16.7	18
DA-53181	063181	Connector Clevis		64
DA-43431	DA-404-1	Conversion Kit 61"	115.0	18
DA-41424	DA-404	Conversion Kit 66"		18
DA-41517	MC-477	Corner Cap	13.5	18
DA-70100	70100	Corner Cap	11.5	18
DA-41518	DA-700	Corner Cap	11.2	18
DA-32580	3799	Coupler Carrier Wear Plate, Manganese	6.6	19
DA-32581	3258	Coupler Carrier Wear Plate, Manganese	8.9	19
DA-40406	MC-406	Crossridge Brace Foot	7.7	19
DA-40900	MC-409	Crossridge Brace Foot	8.5	19
DA-05495	10305-495	Cylinder, Fulcrum Casting	78.3	33
DA-43398	4CH-418-RH	Door Gate Complete	248.6	21
DA-63401	4CH-641	Door Gate Complete	524.0	21
DA-43388	4CH-418-LH	Door Gate Complete, 24" x 13" Opening	248.6	21
DA-42387	4CH-257	Door Gate Complete, 30" x 24" Opening	388.0	21
DA-49090	DA-490-L	Door Gate Complete, Left Hand	210.0	21
DA-49091	DA-490-R	Door Gate Complete, Right Hand	210.0	21
DA-24803	24803	Door Slide Assembly		30
DA-41329	3CH-429	Door Slide Assembly, 30-1/2" x 50-1/4", Rack Centers 43-7/16"	196.0	26
DA-21304	3CH-214	Door Slide Assembly, 32" x 51-7/8", Rack Centers 45-1/8"	200.9	25
DA-11286	3000904	Door Slide Assembly, 15-5/16" x 50", Rack Centers 37-1/4"		28
DA-71106	3000280	Door Slide Assembly, 16" x 47", Pinion Centers 50"	164.0	22
DA-05765	031972-0	Door Slide Assembly, 17-1/8" to bend x 43", Rack Centers 37-5/8", Style #5	84.0	29
DA-31139	2CH-309	Door Slide Assembly, 18" x 44-1/2", Rack Centers 37-3/4"	98.8	25
DA-50209	50209	Door Slide Assembly, 18-1/2" to bend x 50-1/2" x Rack Centers 39"	104.0	28
DA-50202	810-031964-0	Door Slide Assembly, 18-1/2" to bend x 50-1/2", Rack Centers 37-1/4", Style #2A	104.0	29
DA-50201	LCGX	Door Slide Assembly, 18-1/2" to bend x 50-1/2", Rack Centers 39-1/4"		24
DA-50203	Style #3	Door Slide Assembly, 18-3/4" x 23-3/4", Rack Centers 17-1/8"	76.0	29
DA-71150	71150	Door Slide Assembly, 19" x 50", Pinion Centers 50"		23
DA-50210	50210	Door Slide Assembly, 19-3/8" to bend x 52", Rack Centers 41-3/8"		28
DA-05374	810-146009-0	Door Slide Assembly, 19-7/16" x 43", Rack Centers 37-5/8"	78.0	29
DA-50204	50204	Door Slide Assembly, 21-1/2" to bend x 50-1/2", Rack Centers 37-1/4"		28
DA-61294	2CH-654-1	Door Slide Assembly, 21-1/2" x 25-1/2", Rack Centers 15-3/4"	82.0	26
DA-63671	203550038	Door Slide Assembly, 21-1/8" x 39-1/8", Rack Centers 51"		30
DA-74510	74510	Door Slide Assembly, 22-7/8" x 24-3/8", Pinion Centers 28", Left Hand		23
DA-74520	74520	Door Slide Assembly, 22-7/8" x 24-3/8", Pinion Centers 28", Right Hand		23
DA-41254	2CH-404	Door Slide Assembly, 26-1/2" x 26-1/2", Rack Centers 19-3/4"	91.3	26
DA-05804	810-031998-0	Door Slide Assembly, 26-1/2" x 26-1/2", Rack Centers 19-7/8", Style #4	72.0	29
DA-71140	71140	Door Slide Assembly, 28" x 32-3/8", Pinion Centers 27-1/2"		23
DA-31313	3CH-303	Door Slide Assembly, 30-7/8" x 49-3/4", Rack Centers 43"	187.5	25
DA-31397	2CH-397	Door Slide Assembly, 31" x 51-7/8", Rack Centers 45-1/8"		25
DA-41328	41328	Door Slide Assembly, 31-1/2" x 49-1/2", Rack Centers 43-1/2"	194.0	26
DA-10070	MKE10070	Door Slide Assembly, 33-3/4" to bend x 50", Rack centers 44-3/8"	180.0	28
DA-78134	3000597	Door Slide Assembly, 33-5/8" to bend x 31-3/4", Rack Centers 26"	145.0	24
DA-71132	71132	Door Slide Assembly, 34-1/2" x 31-1/8", Pinion Centers 35-3/4"		22
DA-50287	810-031956-0	Door Slide Assembly, 34-1/4" x 31-3/4", Rack Centers 26-1/4", Style #1	126.0	24

D.A. Part Number	Alt. Pt. Number	Description	Weight (lbs)	Page Number
DA-07987	7987	Door Slide Assembly, 34-3/4" x 31-3/4", Rack Centers 26"	154.0	27
DA-08410	08410	Door Slide Assembly, 34-5/8" to bend x 31-3/4", Rack Centers 24"	140.0	27
DA-71132-SP	71132SP	Door Slide Assembly, 34-7/8" x 31-7/8", Pinion Centers 35-3/4"	158.0	22
DA-71133	71133	Door Slide Assembly, 35" x 32", Pinion Centers 26-1/2"	158.0	22
DA-10054	10054	Door Slide Assembly, 35-1/2" x 32", Rack Centers 26-1/2"		24
DA-50289	810-456723-0	Door Slide Assembly, 35-3/4" x 31-3/4", Rack Centers 26-1/4"	128.0	24
DA-21111	2CH-259-1	Door Slide Assembly, 35-3/4" x 32-5/8", Rack Centers 25-3/4"	102.0	25
DA-30003	3000623	Door Slide Assembly, 35-3/4" x 43-3/16", Rack Centers 31-3/4"		27
DA-71131	71131	Door Slide Assembly, 36" x 31-1/8", Pinion Centers 36-1/4"		22
DA-07118	7118	Door Slide Assembly, 36-3/8" x 32-3/4", Rack Centers 24-3/4"	164.0	27
DA-10515	10515	Door Slide Assembly, 38" x 31"		27
DA-32300	2CH-323	Door Slide Assembly, 38" x 32-5/8", Rack Centers	154.2	25
DA-10062	MKE-10062	Door Slide Assembly, 38-1/2" x 31-5/8", Rack Centers 24-1/2"	134.0	28
DA-10061	3000823	Door Slide Assembly, 38-7/16" x 31-9/16", Rack Centers 24-1/2"		24
DA-30006	3000627	Door Slide Assembly, 42-13/16" x 32-3/4", Rack Centers 28-5/8"		30
DA-10066	10066	Door Slide Assembly, 47" x 34-1/2", Rack Centers 28-7/8"		27
DA-24802	24802	Door Slider Assembly, Large		30
DA-24803	24803	Door Slider Assembly, Small		30
DA-50037	5050037	Door Stop	2.9	19
DA-58030	058030	Door Stop		64
DA-00850-2	1009899	Draft Key Retainer	2.5	19
DA-00850-1	1009688	Draft Key Retainer, Keeper for Draft Key Retainer	0.4	19
DA-81777	578106-0	Draft Lug, Front	27.6	20
DA-09462	09462	Draft Lug, Front, 4-5/8" x 12-3/8" Forging	10.4	20
DA-45461	2MC-461	Draft Lug, Front, 16-1/4" x 11-1/8"	32.5	20
DA-07800	70754520	Draft Lug, Front, Forging	26.5	20
DA-07481	107481-01	Draft Lug, Front, Forging	27.4	20
DA-32220	CB-220	Draft Lug, Rear, 11" x 10-1/4"	39.5	20
DA-18004	B-10804	Draft Lug, Rear, 15-7/8" x 10-1/4"	47.1	20
DA-10028	CB-128	Draft Lug, Rear, 17" x 9-3/4"	55.0	19
DA-90346	B-9346	Draft Lug, Rear, 20-3/4" x 11"	41.0	20
DA-53704	70653716	Draft Lug, Rear, Left Hand, Forging	47.5	20
DA-15155	50154-L	Draft Lug, Rear, Left Hand, Forging	41.0	20
DA-53705	70653717	Draft Lug, Rear, Right Hand, Forging	44.9	20
DA-15154	50154-R	Draft Lug, Rear, Right Hand, Forging	41.0	20
DA-14100	D-10410-C	Draft Lug, Striker & Front Draft Lugs	182.0	58
DA-16966	E-16096-B	Draft Lug, Striker & Front Draft Lugs	106.0	58
DA-30001	30001	Draft Lug, Striker & Front Draft Lugs, Type E	178.0	58
DA-60606	PK-6	Eccentric	1.6	31
E DA-31236	PK-36	Eccentric	1.6	31
DA-11900	OPC-119	Eccentric	6.5	12
DA-50068	093-40049	Eccentric Nut, Forging	1.4	31
DA-17025	CL-25	End Cap	0.4	31
DA-31808	PK-318-A	Extension	7.2	31
DA-31818	PK-318-B	Extension	7.2	31
DA-48908	PK-489-A	Extension	9.5	31
DA-48918	PK-489-B	Extension	9.5	31
DA-32101	PK-321-A	Extension	8.0	31
DA-32102	PK-321-B	Extension	7.8	31

D.A. Part Number	Alt. Pt. Number	Description	Weight (lbs)	Page Number
DA-40431	PK-431-A	Extension	7.8	32
DA-41431	PK-431-B	Extension	7.8	32
DA-41454	PK-454-A	Extension	8.7	32
DA-42454	PK-454-B	Extension	8.7	32
DA-42457	PK-457-A	Extension	10.5	32
DA-43457	PK-457-B	Extension	10.5	32
DA-43487	PK-487-A	Extension	9.6	32
DA-44487	PK-487-B	Extension	9.6	32
DA-47134	PK-471-A-34	Extension	13.0	32
DA-47234	PK-471-B-34	Extension	13.0	32
DA-48483	PK-483-A	Extension	9.6	31
DA-48493	PK-483-B	Extension	9.6	31
DA-47487	PK-487-AX	Extension	13.4	32
DA-48487	PK-487-BX	Extension	12.9	32
DA-28261	PK-261-A	Filler	2.4	33
F DA-29261	PK-261-B	Filler	2.4	33
DA-12611	PK-261-A-1	Filler	2.4	33
DA-22611	PK-261-B-1	Filler	2.4	33
DA-31780	DA-3178	Filler, Casting, 13/16" dia. Holes	3.6	33
DA-44839	44839	Friction Shoe	23.0	34
DA-05563	10305-563	Fulcrum, Left Door Spreader	24.3	33
DA-05564	10305-564	Fulcrum, Right Door Spreader	29.3	33
DA-50030	093-40030	Fulcrum, Spring Assist Fulcrum	3.0	59,34
DA-28274	3000595	Gate Lock Bar Assembly	11.8	34
G DA-28274-SP	28274SP	Gate Lock Bar Assembly Kit	11.7	34
DA-28273	A-028273	Gate Lock End Piece	2.4	34
DA-53548	010892	Gear	13.5	64
DA-57029	057029	Handle Casting	7.2	64
H DA-50300	DA-503	Handle, Operating Handle, Stainless Steel	0.6	34
DA-81690	212-30120	Hanger for Rave Door, Casting	1.7	34
DA-53802	53802	Hasp, 2pc kit (body & end)	4.1	64
DA-53800	005155	Hasp, Body	3.4	64
DA-53801	005157	Hasp, End	0.9	64
DA-55159	005159	Hasp, Lock		64
DA-50090	MB-253-5090	Headed Pin	2.3	35
DA-50016	093-40019	Hinge	7.0	35
DA-42499	MC-499	Hinge	6.5	35
DA-23261	HF-261	Hinge	8.8	35
DA-14011	11140-11	Hinge	8.1	35
DA-12130	V-12130	Hinge	7.1	35
DA-50017	093-40020	Hinge Butt	3.8	36
DA-14043	UC-43	Hinge Butt	10.4	36
DA-43512	MC-512	Hinge Butt	5.3	36
DA-40391	093-40391	Hinge Butt	4.5	36
DA-51028	10251-028	Hinge Butt	11.6	36
DA-30113	212-30113	Hinge Leaf, Three Knuckle	1.4	36
DA-30112	212-30112	Hinge Leaf, Two Knuckle	0.9	36
DA-12545	DA-11746	Hinge Pin	1.4	35
DA-05182	10305-182	Hinge, Door Hinge	28.2	35

D.A. Part Number	Alt. Pt. Number	Description	Weight (lbs)	Page Number
DA-05562	10305-562	Hinge, Door Hinge	35.9	35
DA-05561	10305-561	Hinge, Door Separator Hinge	21.6	35
DA-50092-HD	1098746	Hinge, Heavy Duty	6.0	35
DA-54494	041494	Hold Open Arm	0.9	64
DA-22527	PK-27-X	Hook	8.0	36
DA-34234	PK-342-34	Hook	7.5	36
DA-48134	PK-481-34	Hook	8.0	36
DA-43481	PK-481	Hook - See DA-48134	8.0	36
DA-00611	RR-611-L	Hook for Rapid Release, Left Hand	8.7	57
DA-00651	RR-651-L	Hook for Rapid Release, Left Hand	8.4	57
DA-00659	RR-659-L	Hook for Rapid Release, Left Hand	9	57
DA-00612	RR-611-R	Hook for Rapid Release, Right Hand	8.7	57
DA-00652	RR-651-R	Hook for Rapid Release, Right Hand	8.4	57
DA-00660	RR-659-R	Hook for Rapid Release, Right Hand	8.3	57
DA-17209	CL-19-A	Hook, Inner	9.0	37
DA-17028	CL-28	Hook, Inner	10.0	37
DA-17160	CL-60	Hook, Inner	9.3	37
DA-17224	CL-24-B	Hook, Inner	8.9	37
DA-17309	CL-39-A	Hook, Inner	8.4	37
DA-17339	CL-39-B	Hook, Inner	8.6	37
DA-17503	CL-13-A	Hook, Inner	9.0	37
DA-17513	CL-13-B	Hook, Inner	9.0	37
DA-17219	CL-19-B	Hook, Inner	9.0	37
DA-17156	CL-66-A	Hook, Outside	7.4	37
DA-17166	CL-66-B	Hook, Outside	7.2	37
DA-17349	CL-59-A	Hook, Outside	7.0	38
DA-17359	CL-59-B	Hook, Outside	7.2	38
DA-17605	CL-65-A	Hook, Outside	7.8	38
DA-17665	CL-65-B	Hook, Outside	8.2	38
DA-17512	CL-12-A	Hook, Outside	7.5	38
DA-17612	CL-12-B	Hook, Outside	7.0	38
DA-28020	CL-20-A	Hook, Outside	9.5	38
DA-28120	CL-20-B	Hook, Outside	9.5	38
DA-23527	CL-27-A	Hook, Outside	8.0	38
DA-23627	CL-27-B	Hook, Outside	7.3	38
DA-17308	CL-38-A	Hook, Outside	7.2	38
DA-17338	CL-38-B	Hook, Outside	7.2	38
DA-10518	M105186-000	Hopper Door, .313" Thick		42
DA-75793-2	75793-020	Hopper Door, Aluminum, 5083 H116		39
DA-75793-1	75793-010	Hopper Door, Aluminum, 5083 H116		39
DA-176004-AL	D-170-6004	Hopper Door, Aluminum, Large, 1/4" Thick, 45" x 28-3/4" Overall		43
DA-17002	D-170-7002	Hopper Door, Aluminum, Left Hand		39
DA-00402	0200402	Hopper Door, Aluminum, Left Hand		44
DA-17060	1020335	Hopper Door, Aluminum, Rapid Dishcharge Car, 39-15/16" x 51-1/4"	53.0	39
DA-00401	0200401	Hopper Door, Aluminum, Right Hand		44
DA-17003	D-170-7003	Hopper Door, Aluminum, Right Hand, Rapid Discharge Car		39
DA-176004-CL	176004CL	Hopper Door, Carbon Steel, Large w/ Cam Lock Holes, 5/16" Thick	124.0	43
DA-176006-H	176006H	Hopper Door, Carbon Steel, Large w/ Spreader Beam Holes, 3/8" Thick	150.0	43
DA-176004-SP	D-170-6004	Hopper Door, Carbon Steel, Large w/ Spreader Holes, 5/16" Thick	124	43

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D.A. Part Number	Alt. Pt. Number	Description	Weight (lbs)	Page Number
DA-176004	D-170-6004	Hopper Door, Carbon Steel, Large, 5/16" Thick	124.0	43
DA-176006	176006	Hopper Door, Carbon Steel, Large, 3/8" Thick	150.0	43
DA-176003-CL	176003CL	Hopper Door, Carbon Steel, Small w/ Cam Lock Holes, 5/16" Thick	102.0	42
DA-176005-H	176005H	Hopper Door, Carbon Steel, Small w/ Spreader Beam Holes, 3/8" Thick		42
DA-176003-H	176003H	Hopper Door, Carbon Steel, Small w/ Spreader Beam Holes, 5/16" Thick	102	42
DA-76005-H	76005H	Hopper Door, Carbon Steel, Small, 3/8" Thick	102	44
DA-176005	176005	Hopper Door, Carbon Steel, Small, 3/8" Thick		42
DA-176003	D-170-6003	Hopper Door, Carbon Steel, Small, 5/16" Thick	102.0	42
DA-47008	D-004-7008	Hopper Door, Rapid Discharge Car, Inner	573.0	40
DA-47009	D-004-7009	Hopper Door, Rapid Discharge Car, Outer	606.0	40
DA-76006-H	176006H	Hopper Door, Stainless Steel, Large w/ Spreader Holes, 1/4" Thick		44
DA-76006	76006	Hopper Door, Stainless Steel, Large, 1/4" Thick		44
DA-76005	D-170-6051	Hopper Door, Stainless Steel, Small, 1/4" Thick	62.0	44
DA-52966	810-691551	Hopper Door, Trapezoidal, Left Hand, 37-1/4" x 25-3/4" x 47-3/16"	97.0	40
DA-76031	76031	Hopper Door, Trapezoidal, Left Hand, 46" x 28-7/16" x 35-11/32"	98.0	40
DA-76035	76035	Hopper Door, Trapezoidal, Right Hand, 46" x 28-7/16" x 35-11/32"	127.5	40
DA-52965	810-689671	Hopper Door, Trapezoidal, Right Hand, 47-3/16" x 25-3/4" x 37-1/4"	97	40
DA-10238	HF-238-A-10	Hopper Frame, 45°, 25-3/4" x 42"	170.0	46
DA-10239	HF-238-B-10	Hopper Frame, 45°, 25-3/4" x 42"	170.0	46
DA-18259	HF-259-A-18	Hopper Frame, Rectangular	163.0	45
DA-18260	HF-259-B-18	Hopper Frame, Rectangular	163.0	45
DA-25213	HF-212-B	Hopper Frame, Rectangular, 30°, 25-3/4" x 42	175.0	45
DA-25210	HF-210-A	Hopper Frame, Rectangular, 45°, 25-27/32" x 35-3/4"	170.0	45
DA-25211	HF-210-B	Hopper Frame, Rectangular, 45°, 25-27/32" x 35-3/4"	170.0	45
DA-25212	HF-212-A	Hopper Frame, Rectantular, 30°, 25-3/4" x 42"	175.0	45
DA-05572	10305-572	Housing, Latch	14.6	47
DA-00010	C10	Knuckle Pin for Coupler	1.5	47
DA-20209	2CH-209	Latch		47
DA-12100	OPC-121	Latch	11.5	12
DA-11007	OPC-117	Latch Lug	3.5	12
DA-20210	2-CH-210	Latch Retainer	0.5	47
DA-05573	10305-573	Latch, Door Mechanism Latch	21.5	47
DA-05016	10305-16	Latch, Mechanism- ADI	20.1	47
DA-53555	053555	Lever Adapter	0.7	64
DA-50044	093-40035	Lever End, Door Operating Lever End	20.0	47
DA-05034	10305-034	Lever Fulcrum	29.3	48
DA-05061	10305-061	Lever Link Fulcrum At Operating Beam	15.3	48
DA-01213	C-1213	Lever, Bail Lever	6.7	47
DA-05557	10305-557	Lever, Bilever	16.2	48
DA-05556	10305-556	Lever, Door Actuating	24.6	48
DA-05078	10305-078	Lever, Door Actuating	18.1	48
DA-05013	10305-013	Lever, Door Operating 19-1/2	38.4	48
DA-05033	10305-033	Lever, Door Operating 20-13/16	33.1	48
DA-05559	10305-559	Lever, Operating	26.8	48
DA-05560	10305-560	Lever, Operating	24.3	48
DA-50099	5050099	Lever, Operating	16.0	49
DA-05010	10305-010	Link D, Lever	5.5	47
DA-05039	10305-039	Link G, Lever	5.1	48
DA-10081-A	10081A	Lock Lift Follower, Outside, Long	1.31	50

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DA-10082-A	10082A	Lock Lift Follower, Outside, Short	0.7	50
DA-57687	027687	Lock Side Bolt	3.0	64
DA-58978	028978	Lock Wedge Assembly	14.8	65
DA-58980	028980	Lock Wedge Assembly	14.9	65
DA-10081-B	10081B	Lock, Door Lock, Long	0.7	50
DA-10082-B	10082B	Lock, Door Lock, Short	0.7	50
DA-70002	30311	Lock, Double Sided Hatch Cover Lock	4.3	50
DA-70001	30149	Lock, Single Sided Hatch Cover Lock	4.1	50
DA-05565	10305-565	Lock, Spreader Fulcrum Cam Lock	3.0	49
DA-23193	023193-0	Lock, Wedge Lock Assembly	16.0	50
DA-12003	OPC-123	Locking Lever	1.5	12
DA-05479	10305-479	Lug, Cylinder Fulcrum	14.4	33
DA-50070	093-40051	Lug, Spring Assist Lug	2.8	59
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O DA-05063	10305-063	Operating Beam Support	6.2	50
DA-12000	OPC-120	Outer Bearing	6.0	12
DA-68845	204910055	Outlet Gate Lock Kit	10.0	50
P DA-17417	CL-7	Pawl	3.0	51
DA-28112	PK-2-A	Pawl	2.4	51
DA-29112	PK-2-B	Pawl	2.4	51
DA-32343	PK-343-A	Pawl	3.0	51
DA-34343	PK-343-B	Pawl	3.0	51
DA-43480	PK-480-A	Pawl	2.5	51
DA-44480	PK-480-B	Pawl	2.5	51
DA-57595	027595	Pawl, Anti Kick Back, Inner	0.8	63
DA-57596	027596	Pawl, Anti Kick Back, Outer	2.1	63
DA-33178	2CH-328	Pinion Gear	5.0	51
DA-69400	OVPA-694	Pinion Gear	3.0	52
DA-70209	DA-29-A	Pinion Gear	2.7	52
DA-70210	DA-29-B	Pinion Gear	2.7	52
DA-33179	2CH-327	Pinion Gear	9.6	51
DA-52082	DA-502	Pinion Gear	4.2	52
DA-70212	70212	Pinion Gear	1.1	52
DA-10129	E-10129	Pinion Gear	2.1	52
DA-00183	10083	Pinion Gear	4.0	52
DA-70214	70214	Pinion Gear, 1"	1.2	52
DA-21129	CH-29	Pinion Gear, 1-25/32" dia. Hole	2.8	52
DA-70211	70211	Pinion Gear, 1-3/8"	1.5	52
DA-21130	DA-29-304-SS	Pinion Gear, Stainless Steel	2.8	52
DA-30304	DA-502-SS	Pinion Gear, Stainless Steel	4.2	52
DA-24806	24806	Pinion Shaft Assembly, Large, 86.5"		54
DA-24807	24807	Pinion Shaft Assembly, Small, 66.875"		54
DA-42010	1-CH-409-11	Pinion Shaft, 30" Length, 1-3/4" Dia.	22.0	53
DA-41051	1-CH-409-3	Pinion Shaft, 30-1/2" Length, 1-3/4" Dia.	20.7	53
DA-21934	1CH-409-1	Pinion Shaft, 30-3/4" Length, 1-3/4" Dia.		53
DA-31001	1-CH-340-1	Pinion Shaft, 38-3/8" Length, 1-3/4" Dia.	26.2	53
DA-31018	1CH-340-18	Pinion Shaft, 40-1/2" Length, 1-3/4" Dia.	41.6	53
DA-34005	1-CH-340-5	Pinion Shaft, 53" Length, 1-3/4" Dia.		53
DA-34805	1CH-340-13	Pinion shaft, 60-1/2" Length, 1-3/4" Dia.		53

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	DA-31033	1CH-340-3	Pinion Shaft, 61" Length, 1-3/4" Dia.	42.0	53
	DA-33026	1CH-340-16	Pinion Shaft, 66" Length, 1-3/4" Dia.	44.9	53
	DA-01733	DA-01733	Pinion Shaft, Square, 33" Length, 1-3/4" Dia.	18.0	53
	DA-01723	DA-01723	Pinion Shaft, Square, 36-3/8" Length, 1-3/4" Dia.	18.0	53
	DA-01744	01744	Pinion Shaft, Square, 44" Length, 1-1/4" Dia.		53
	DA-07248	DA-07248	Pinion Shaft, Square, 48" Length, 1-3/4" Dia.	21.6	53
	DA-07249	07249	Pinion Shaft, Square, 50" Length, 1-1/4" Dia.		53
	DA-07180	07180	Pinion Shaft, Square, 58-1/2" Length, 1-1/4" Dia.		53
	DA-07176	07146	Pinion Shaft, Square, 64" Length, 1-1/4" Dia.		53
	DA-07177	DA-07177	Pinion Shaft, Square, 65" Length, 1-3/4" Dia.	29.1	53
	DA-57715	027715	Pipe Bottom Extension	6.6	65
	DA-92266	MB-999-5186	Plunger Nose for 5th Wheel	0.8	51
R	DA-70215	70215	Rack		55
	DA-30115	212-30115-LH	Rack Finger Guide, Rave Door	1.4	34
	DA-30119	212-30119-RH	Rack Finger Guide, Rave Door	1.2	34
	DA-42339	DA-4029	Rack, 16-3/8"L x 2-3/4"W	5.4	55
	DA-41423	DA-423	Rack, 17-1/2"L x 3"W	10.5	55
	DA-13096	2CH-156	Rack, 17-1/4"L x 3-3/4"W	5.1	55
	DA-42444	955002	Rack, 18"L x 3" W	8.5	55
	DA-00185	10085-02	Rack, 19-1/2"L X 3-1/4"W	14.5	56
	DA-42340	4030	Rack, 20-1/2"L x 2-3/4"W	6.4	55
	DA-42372	DA-422	Rack, 20-1/2"L x 4-1/4"W	9.4	55
	DA-70213	70213	Rack, 20-3/16"L x 1-3/16"W	3.9	55
	DA-10111	MKE-10111	Rack, 20-9/32"L x 2-3/4"W	7.0	56
	DA-33181	2CH-331	Rack, 23-11/16"L x 3-3/4"W	6.5	55
	DA-50094	50094152	Rack, 30-5/8"L x 2"W	21.0	55
	DA-42382	VPA-6182	Rack, 33-3/4"L x 3-1/4"W	19.8	55
	DA-42328	DA-7028	Rack, Forging, 16-1/2" x 2-5/8"W	6.0	55
	DA-34175	005463	Ratchet Pawl	0.9	65
	DA-57650	027650	Ratchet Pawl	1.0	65
	DA-05184	10305-184	Rein. Spreader & Fulcrum, Right Door	31.1	56
	DA-32272	M-336-5072	Release Handle	3.1	56
	DA-57400	027400	Rod End Casting	1.0	65
	DA-52340	002340	Roller Assembly	3.6	65
	DA-57385-1	027349	Roller Housing w/ Hook, Primed	14.0	65
	DA-50498-1	050498	Roller Housing w/o Hook, Primed	13.0	65
	DA-57382	027382	Roller Stop Casting	2.4	65
S	DA-43279	43279	Seal Cam Assembly	1.5	65
	DA-58992	028992	Seal Cam Casting	1.8	63
	DA-07033	M107033-000	Sill Step	14.8	58
	DA-10994	DA-10994	Spreader Beam 6" x 101.75"	97.0	58
	DA-10996	490562-0	Spreader Beam 6" x 102.375"		58
	DA-10991	DA-10991	Spreader Beam 6" x 94.375" "	95.0	58
	DA-10993	DA-10993	Spreader Beam 6" x 97.75"		58
	DA-10992	DA-10992	Spreader Beam 6" x 99"	95.0	58
	DA-00403	200403	Spreader Beam, Z-Shaped		58
			Spring Assist Assembly Chart Pg. 7 & 8		
	DA-50039	093-40028	Spring Guide	17.5	59
	DA-50034	50034	Spring Guide Adjustment Plate	4.9	59

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D.A. Part Number	Alt. Pt. Number	Description	Weight (lbs)	Page Number
DA-09048	50067	Spring Guide and Stop	25.3	59
DA-50038	131-40121	Spring, for Spring Assist (White)	13.0	59
DA-14123	131-40123	Spring, for Spring Assist (Green)	15.7	59
DA-05187	10305-187	Support Shaft	18.7	58
DA-05580-1	10305-558-01	Support, Actuator Lever Shaft	13.0	48
DA-05580-2	10305-558-02	Support, Actuator Lever Shaft	12.8	48
DA-14100	D-10410-C	Striker & Front Draft Lugs	182.0	58
DA-16966	E-16096-B	Striker & Front Draft Lugs	106.0	58
DA-30001	30001	Striker & Front Draft Lugs, Type E	178.0	58
DA-14061	10314-061	Transition Casting	120.0	58
DA-05012	10305-012	Tri-Lever Door Actuating	31.3	49
DA-33505	3505-A	Truck Damp	8.0	58
DA-33605	PK-35	Trunnion Washer	1.6	60
DA-37345	PK-345	Trunnion Washer	2.0	60
DA-43455	PK-455	Trunnion Washer	1.7	60
DA-11224	11224	Vibrator Bracket	24.8	60
DA-11222	11222	Vibrator Bracket	33.0	60
DA-01711-A	DA-01711-A	ibrator Bracket & Backing Plate Assembly	79.5	60
DA-01710	M-167-5000	Vibrator Bracket, Bolt-On	37.2	60
DA-01711	DA-167-6000	Vibrator Bracket, Weld-On	37.1	60

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