

# Kadee® HO-Scale Freight & Passenger Wheel Sets

All Kadee® Wheels are Non Magnetic Free Rolling Contoured Axles with RP-25 Contour Wheels.

## Code 110 "Standard" Wheels Twelve Sets

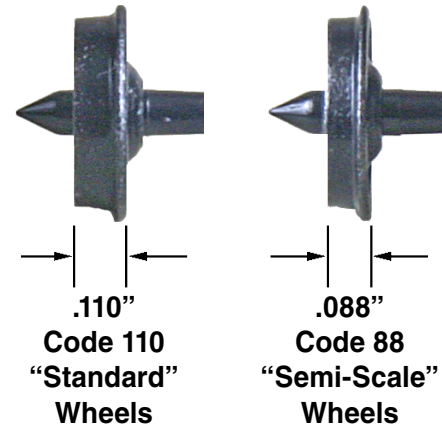
- #520 Wheel Set - 33" Smooth Back
- #521 Wheel Set - 36" Ribbed Back
- #522 Wheel Set - 36" Smooth Back
- #523 Wheel Set - 33" Ribbed Back
- #524 Wheel Set - 28" Smooth Back

## Code 88 "Semi-Scale" Wheels Twelve Sets

- #530 Wheel Set - 33" Smooth Back
- #531 Wheel Set - 36" Ribbed Back
- #532 Wheel Set - 36" Smooth Back
- #533 Wheel Set - 33" Ribbed Back



Made & Assembled  
Entirely in the U.S.A.



The term Code 110 and Code 88 relates to the width of the wheels and has no relationship to track code. Code 110 wheels are .110" wide and Code 88 are .088" wide. Code 110 wheels are the common (or standard) width wheels and Code 88 are what is called "semi scale" and are used when the modeler wants a more prototypical looking wheel width. Actual HO-Scale prototypical wheel width would be around .067" wide and although they will run OK on the average track they will not go through common turnouts and crossings. Code 88 (.088") is just about the minimum width of wheel that will run on most standard or common track if gauged correctly. It really is a matter of appearances because there's very little operational differences between running Code 110 or Code 88 wheels. Code 88 wheels look really good and are most noticeable on open frame cars like hoppers and tank cars. However, they also look great on box cars, gondolas, and reefers but not quite as noticeable. As mentioned above track code and wheel code have no relationship meaning Code 110 and Code 88 will run on most any code of track. Track code is simply the measured height of the rail, code 100 is .100" tall, code 83 is .083" tall, code 70 is .070" tall, and so on.

# Kadee HO-Scale Trucks

Kadee® offers 4 variations of our HO-Scale Trucks.

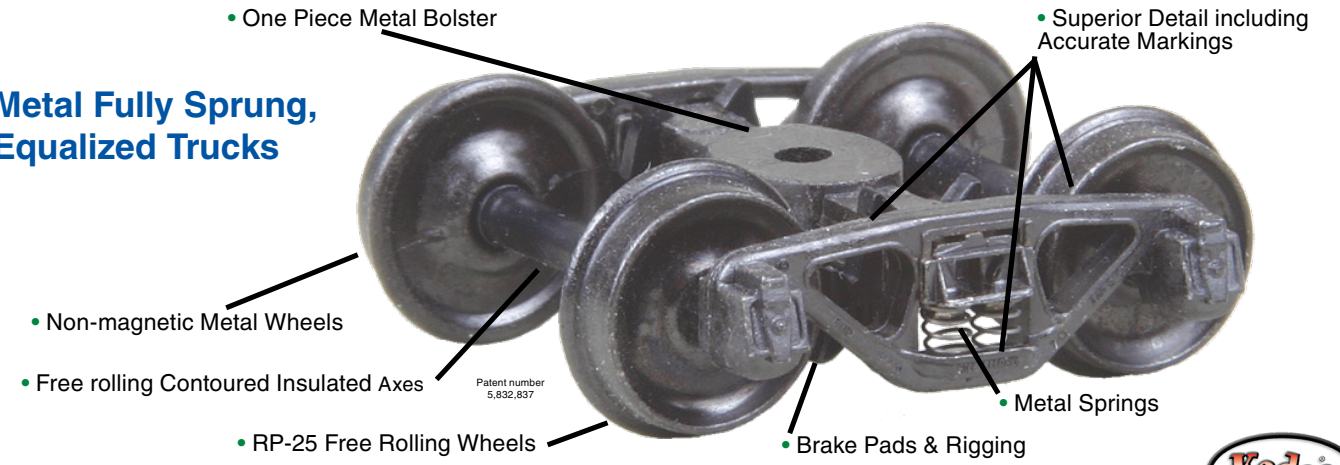
**Metal Fully Sprung, Equalized Trucks:** All metal trucks with functioning spring design for truck equalization. Metal RP-25 Code 110 wheels with insulated plastic axles, & scale clip on brake pads & brake rigging or cast on brake rigging\*. Patent numbers 5,768,999 &/or 5,832,837 #500\*, 501\*, 504, 509\*, 511\*, 513, 515\*, 517\*, 518

**Metal Fully Sprung, Equalized Trucks with Couplers:** All metal trucks with functioning spring design for truck equalization. Metal RP-25 Code 110 wheels with insulated plastic axles, scale clip on brake pads & brake rigging cast on brake rigging\*, now with truck mount Whisker® Couplers. Patent number 5,662,229 #502\*, 503\*, 510, 512\*, 516\*

**Metal Fully Sprung, Equalized Trucks with Self-Centering:** All metal trucks with functioning spring design for truck equalization. Metal RP-25 Code 110 wheels with insulated plastic axles, scale clip on brake pads & brake rigging or cast on brake rigging\*, & Self-Centering Action. The Self-Centering Action trucks self align themselves parallel with the car for easier placement on track. #550\*, 551\*, 552, 553\*, 554\*, 555, 556\*, 557\*, 558 Patent numbers 5,768,999 &/or 5,832,837

**"HGC" Two Piece, Equalized Trucks with Self-Centering:** "HGC" High Gravity Compound weighs nearly the same as Metal Trucks but with more detail & a 2 piece split bolster design for more efficient truck equalization, reduced axle friction for greater rolling performance. Metal RP-25 Code 110 or Code 88\* wheels with insulated plastic axles, scale clip on brake pads & brake rigging, & Self-Centering Action. The Self-Centering Action trucks self align themselves parallel with the car for easier placement on track. Patent number 7,434,518 B2 #560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 580, 581, 582, 583, 590, 593, 1560\*, 1561\*, 1562\*, 1563\*, 1564\*, 1565\*, 1566\*, 1567\*, 1568\*, 1569\*, 1570\*, 1580\*, 1581\*, 1582\*, 1583\*

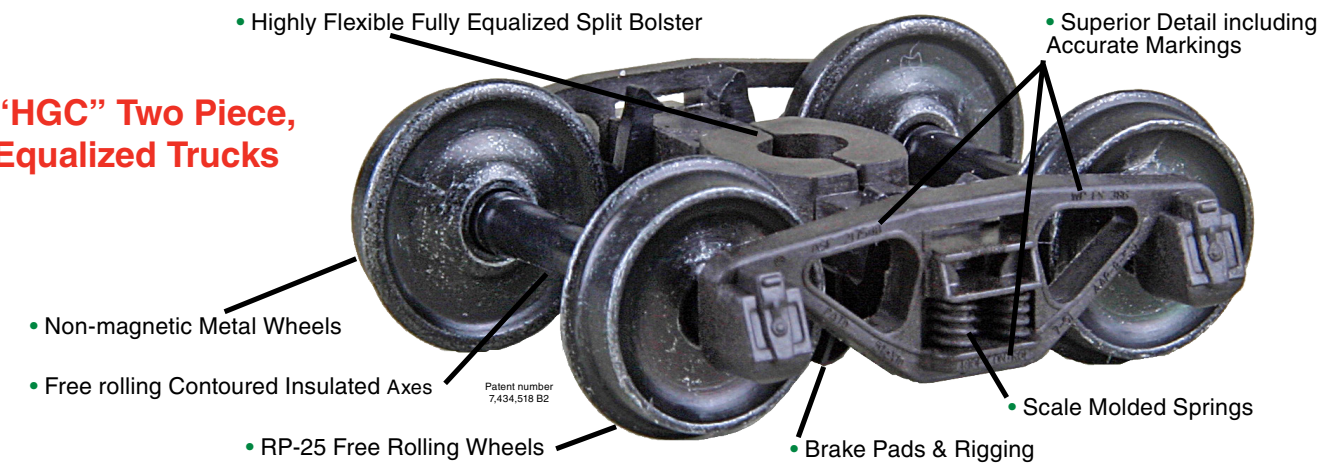
## Metal Fully Sprung, Equalized Trucks



A.S.F.® A-3 Ride-Control® #504 Patent numbers 5,768,999 & 5,832,837



## "HGC" Two Piece, Equalized Trucks



A.S.F.® A-3 Ride-Control® #562 "HGC" - Self Centering Patent number 7,434,518 B2



### Metal Fully Sprung Freight Trucks Are In Blue.

### "HGC" Two Piece Self-Centering Freight Trucks Are In Red.

All Kadee® Trucks are equipped with RP-25 Contour Wheels. One Pair Code 110 are "Standard" Wheels & Code 88 "Semi-Scale" Wheels

#### Andrews (1898) Freight Truck - 33" ribbed back

Turn of the century through 1930's - Used through end of the 1950's.

- #509 Metal Fully Sprung, code 110 wheels
- #553 Metal Fully Sprung, Self-Centering, code 110 wheels
- #571 "HGC", Self-Centering, code 110 wheels
- #1571 "HGC", Self-Centering, code 88 wheels

#### Arch Bar Freight Truck - 33" ribbed back

Commonly used 1890's and early 1900's - Allowed in interchange service until about 1941.

- #501 Metal Fully Sprung, code 110 wheels
- #551 Metal Fully Sprung, Self-Centering, code 110 wheels
- #561 "HGC", Self-Centering, code 110 wheels
- #1561 "HGC", Self-Centering, code 88 wheels

#### A.S.F® A-3 Ride-Control® 50-Ton Freight Truck - 33" smooth back

Introduced in the 1940's - Used in interchange service through 1994.

- #504 Metal Fully Sprung, 33" smooth back code 110 wheels
- #552 Metal Fully Sprung, Self-Centering, 33" smooth back code 110 wheels
- #562 "HGC", Self-Centering, 33" smooth back code 110 wheels
- #563 "HGC", Self-Centering, 33" ribbed back code 110 wheels
- #1562 "HGC", Self-Centering, 33" smooth back code 88 wheels
- #1563 "HGC", Self-Centering, 33" ribbed back code 88 wheels

#### Barber® S-2, S-2-B, & S-2 (ACL) 70-Ton Freight Truck - 33" smooth back

S-2 Introduced in the late 1950's - Used in interchange even today. S-2-B Introduced in the 1930's used through 1950's.

- #518 S-2 - Metal Fully Sprung, code 110 wheels
- #558 S-2 - Metal Fully Sprung, Self-Centering, code 110 wheels
- #560 S-2 (ACL) - "HGC", Self-Centering, code 110 wheels
- #566 S-2-B - "HGC", Self-Centering, code 110 wheels
- #570 S-2 - "HGC", Self-Centering, code 110 wheels
- #1560 S-2 (ACL) - "HGC", Self-Centering, code 88 wheels
- #1566 S-2-B - "HGC", Self-Centering, code 88 wheels
- #1570 S-2 - "HGC", Self-Centering, code 88 wheels

#### Bettendorf 50-Ton Freight Truck (Used 1930's through 1993)

Introduced in the 1930's - Used in interchange service through 1993.

- #500 Metal Fully Sprung, 33" smooth back code 110 wheels
- #550 Metal Fully Sprung, Self-Centering, 33" smooth back code 110 wheels
- #564 "HGC", Self-Centering, 33" smooth back code 110 wheels
- #565 "HGC", Self-Centering, 33" ribbed back code 110 wheels
- #1564 "HGC", Self-Centering, 33" smooth back code 88 wheels
- #1565 "HGC", Self-Centering, 33" ribbed back code 88 wheels

#### Bettendorf T-Section Freight Truck - 33" ribbed back

Introduced in the 1920's - Used through end of the 1050's.

- #511 Metal Fully Sprung, code 110 wheels
- #554 Metal Fully Sprung, Self-Centering, code 110 wheels
- #572 "HGC", Self-Centering, code 110 wheels
- #1572 "HGC", Self-Centering, code 88 wheels

#### Pennsylvania 2D-F8 50-Ton Freight Truck - 33" ribbed back

Introduced in the 1930's - In service for more than fifty years.

- #517 Metal Fully Sprung, code 110 wheels
- #557 Metal Fully Sprung, Self-Centering, code 110 wheels

#### Roller Bearing 100-Ton Freight Truck - 36" smooth back

Used from the modern diesel era to present day.

- #513 Metal Fully Sprung, code 110 wheels
- #555 Metal Fully Sprung, Self-Centering, code 110 wheels
- #569 "HGC", Self-Centering, code 110 wheels
- #1569 "HGC", Self-Centering, code 88 wheels

#### Vulcan Double Truss Freight Truck - 33" ribbed back

Introduced in the 1920's - Used through the end of the steam era.

- #515 Metal Fully Sprung, code 110 wheels
- #556 Metal Fully Sprung, Self-Centering, code 110 wheels
- #573 "HGC", Self-Centering, code 110 wheels
- #1573 "HGC", Self-Centering, code 88 wheels

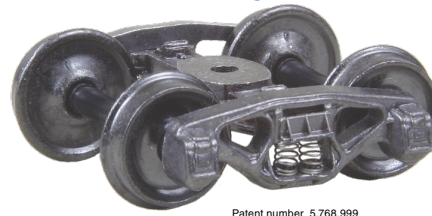
#### National type B-1 50-Ton Freight Truck

Introduced in the 1931 - used in service as late as the 1960's.

- #567 "HGC", Self-Centering, 33" ribbed back code 110 wheels
- #568 "HGC", Self-Centering, 33" smooth back code 110 wheels
- #1567 "HGC", Self-Centering, 33" ribbed back code 88 wheels
- #1568 "HGC", Self-Centering, 33" smooth back code 88 wheels

### Bettendorf Metal Fully Sprung

- #500 Smooth code 110
- #550 Self Centering Smooth code 110

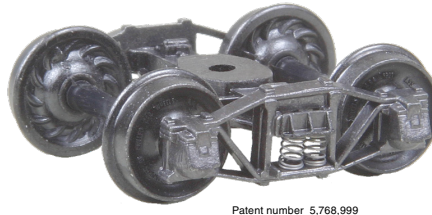


Patent number 5,768,999

33" Wheels

### Arch Bar Metal Fully Sprung

- #501 Ribbed code 110
- #551 Self Centering Ribbed code 110

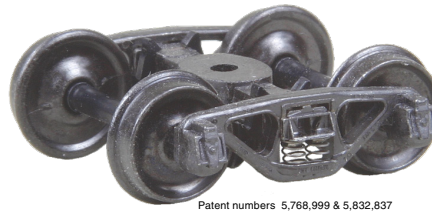


Patent number 5,768,999

33" Wheels

### A.S.F® A-3 Ride-Control® Metal Fully Sprung

- #504 Smooth code 110
- #552 Self Centering Smooth code 110

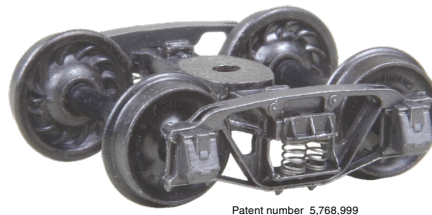


Patent numbers 5,768,999 & 5,832,837

33" Wheels

### Andrews (1898) Metal Fully Sprung

- #509 Ribbed code 110
- #553 Self Centering Ribbed code 110

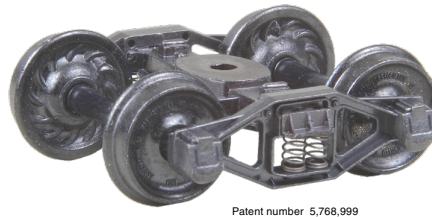


Patent number 5,768,999

33" Wheels

### Bettendorf T-Section Metal Fully Sprung

- #511 Ribbed code 110
- #554 Self Centering Ribbed code 110

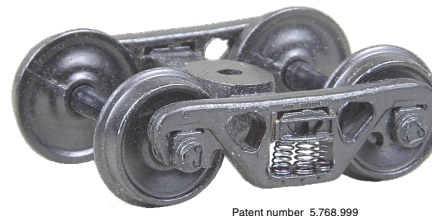


Patent number 5,768,999

33" Wheels

### Roller Bearing Metal Fully Sprung

- #513 Smooth code 110
- #555 Self Centering Smooth code 110

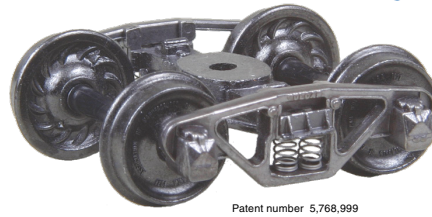


Patent number 5,768,999

36" Wheels

### Vulcan Double Truss Metal Fully Sprung

- #515 Ribbed code 110
- #556 Self Centering Ribbed code 110

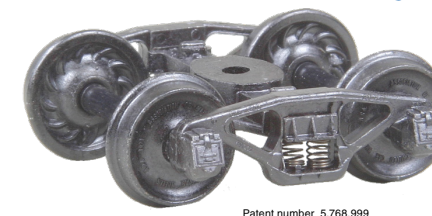


Patent number 5,768,999

33" Wheels

### Pennsylvania 2D-F8 Metal Fully Sprung

- #517 Ribbed code 110
- #557 Self Centering Ribbed code 110

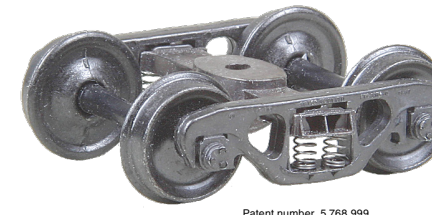


Patent number 5,768,999

33" Wheels

### Barber® S-2 Metal Fully Sprung

- #518 Smooth code 110
- #558 Self Centering Smooth code 110

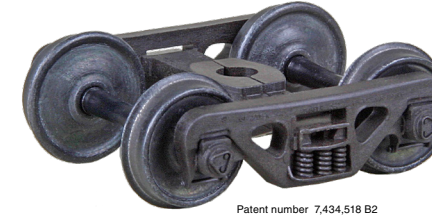


Patent number 5,768,999

33" Wheels

### Barber® S-2 (ACL) "HGC"

- #560 Smooth code 110
- #1560 Smooth code 88

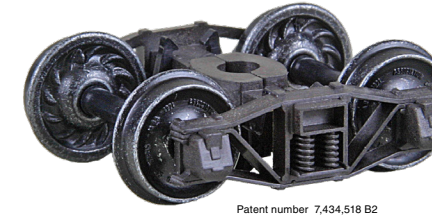


Patent number 7,434,518 B2

33" Wheels

### Arch Bar "HGC"

- #561 Ribbed code 110
- #1561 Ribbed code 88

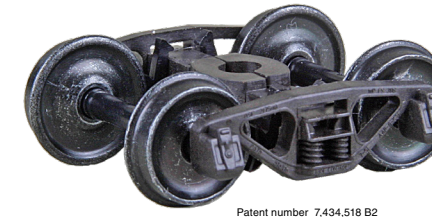


Patent number 7,434,518 B2

33" Wheels

### A.S.F® A-3 Ride-Control® "HGC"

- #562 Smooth code 110
- #1562 Smooth code 88
- #563 Ribbed code 110
- #1563 Ribbed code 88

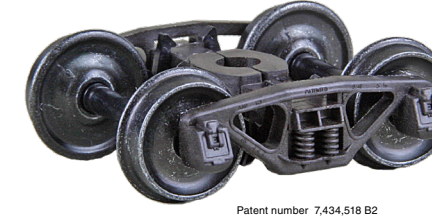


Patent number 7,434,518 B2

33" Wheels

### Bettendorf "HGC"

- #564 Smooth code 110
- #1564 Smooth code 88
- #565 Ribbed code 110
- #1565 Ribbed code 88

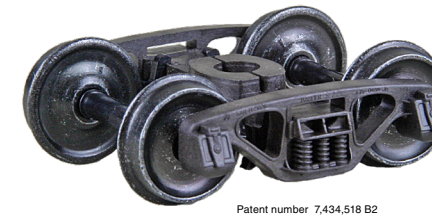


Patent number 7,434,518 B2

33" Wheels

### Barber® S-2-B "HGC"

- #566 Smooth code 110
- #1566 Smooth code 88

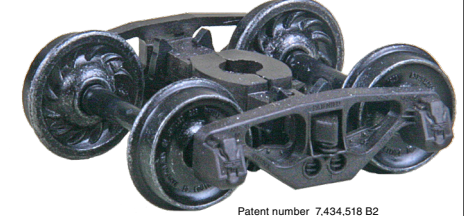


Patent number 7,434,518 B2

33" Wheels

### National type B-1 "HGC"

- #567 Ribbed code 110
- #1567 Ribbed code 88
- #568 Smooth code 110
- #1568 Smooth code 88

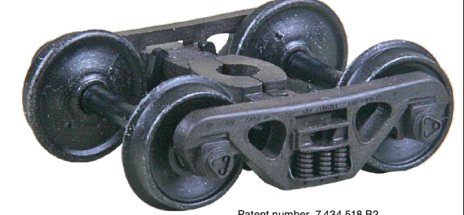


Patent number 7,434,518 B2

33" Wheels

### Roller Bearing "HGC"

- #569 Smooth code 110
- #1569 Smooth code 88

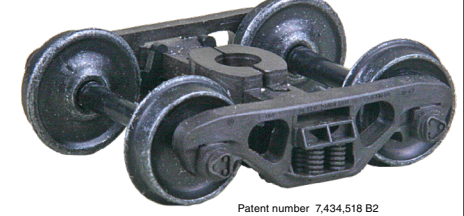


Patent number 7,434,518 B2

36" Wheels

### Barber® S-2 "HGC"

- #570 Smooth code 110
- #1570 Smooth code 88

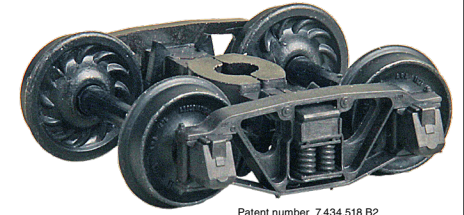


Patent number 7,434,518 B2

33" Wheels

### Andrews (1898) "HGC"

- #571 Ribbed code 110
- #1571 Ribbed code 88

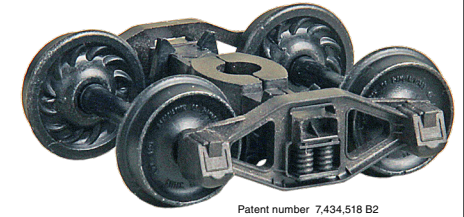


Patent number 7,434,518 B2

33" Wheels

### Bettendorf T-Section "HGC"

- #572 Ribbed code 110
- #1572 Ribbed code 88

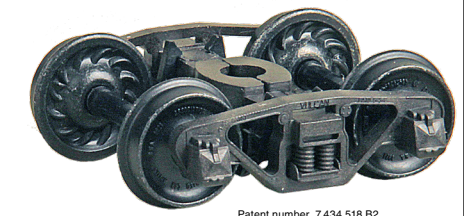


Patent number 7,434,518 B2

33" Wheels

### Vulcan Double Truss "HGC"

- #573 Ribbed code 110
- #1573 Ribbed code 88



Patent number 7,434,518 B2

33" Wheels

Kadee trucks attach with a #2 or 2-56 screw.



Kadee® Quality Products Co.  
www.kadee.com e-mail: mail@kadee.com

**Metal Fully Sprung Freight Trucks with Couplers Product Numbers Are In Purple.**

All Kadee® Trucks are equipped with RP-25 Contour. One Pair

**Andrews (1898) Freight Truck - One Pair**

Turn of the century through 1930's - Used through end of the 1950's.

#510 Ready-to-Mount Whisker® Couplers, 33" ribbed back code 110 wheels

**Arch Bar Freight Truck - One Pair**

Commonly used 1890's and early 1900's - Allowed in interchange service until about 1941.

#503 Ready-to-Mount Whisker® Couplers, 33" ribbed back code 110 wheels

**Bettendorf 50-Ton Freight Truck - One Pair**

Introduced in the 1930's - Used in interchange service through 1993.

#502 Ready-to-Mount Whisker® Couplers, 33" smooth back code 110 wheels

**Bettendorf T-Section Freight Truck - One Pair**

Introduced in the 1920's - Used through end of the 1050's.

#512 Ready-to-Mount Whisker® Couplers, 33" ribbed back code 110 wheels

**Vulcan Double Truss Freight Truck - One Pair**

Introduced in the 1920's - Used through the end of the steam era.

#516 Ready-to-Mount Whisker® Couplers, 33" ribbed back code 110 wheels

**Freight Trucks with Couplers**

Kadee trucks attach with a #2 or 2-56 screw.

**Bettendorf**  
#502  
Smooth code 110

**33" Wheels**

Patent number 5,662,229

**Arch Bar**  
#503  
Ribbed code 110

**33" Wheels**

Patent number 5,662,229

**Andrews (1898)**  
#510  
Ribbed code 110

**33" Wheels**

Patent number 5,662,229

**Bettendorf T-Section**  
#512  
Ribbed code 110

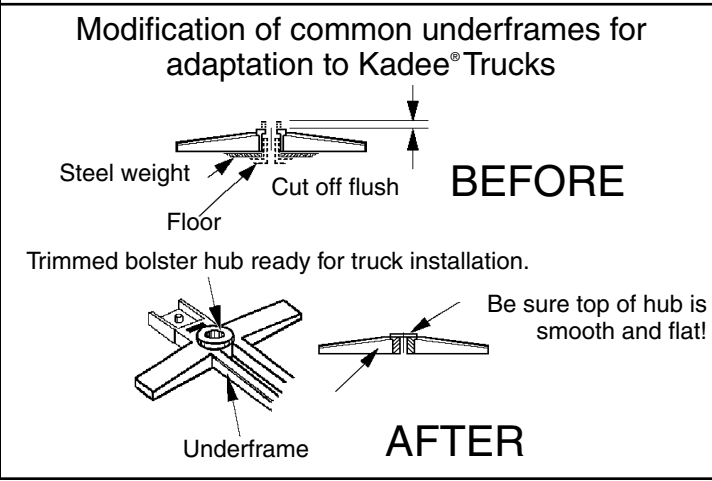
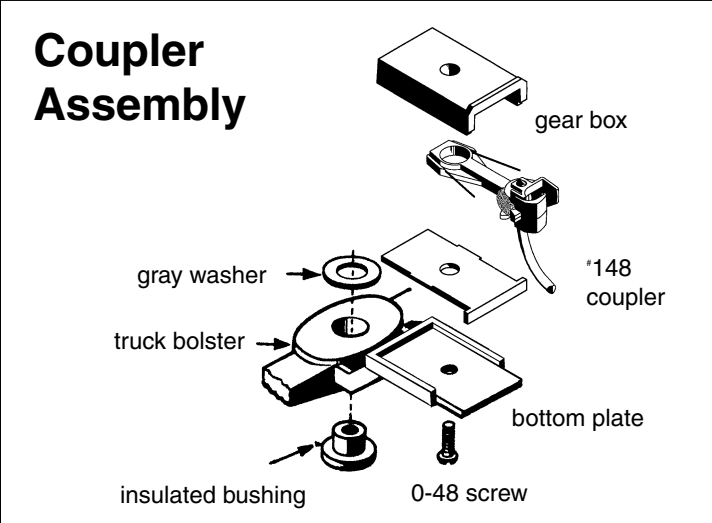
**33" Wheels**

Patent number 5,662,229

**Vulcan Double**  
#516  
Ribbed code 110

**33" Wheels**

Patent number 5,662,229



**"HGC" Two Piece Caboose Trucks Product Numbers Are In Brown.**

**"HGC" Two Piece Electrical Pickup Caboose Trucks Product Numbers Are In Green.**

**Arch Bar Caboose Truck - One Pair**

Prior to the mid 1920's

#583 "HGC", Self Centering, 33" ribbed back code 110 wheels

#593 "HGC", Self Centering, Electrical Pickup Truck

#1583 "HGC", Self Centering, 33" ribbed back code 88 wheels

**Barber - Bettendorf Roller Bearing Caboose Truck - One Pair**

Introduced in the 1950's -

#582 "HGC", Self Centering, 33" smooth back code 110 wheels

#1582 "HGC", Self Centering, 33" smooth back code 88 wheels

**Bettendorf - AAR Caboose Truck - One Pair**

Introduced in the 1930's - Bettendorf retired from truck production in the 1940's.

#580 "HGC", Self Centering, 33" smooth back code 110 wheels

#590 "HGC", Self Centering, Electrical Pickup Truck

#1580 "HGC", Self Centering, 33" smooth back code 88 wheels

**Bettendorf T-Section Caboose Truck - One Pair**

Introduced in the 1920's

#581 "HGC", Self Centering, 33" ribbed back code 110 wheels

#1581 "HGC", Self Centering, 33" ribbed back code 88 wheels

**Caboose Trucks**

**Bettendorf**  
#580  
Smooth code 110  
#1580  
Smooth code 88

**33" Wheels**

Patent number 7,434,518 B2

**Bettendorf T-Section**  
#581  
Ribbed code 110  
#1581  
Ribbed code 88

**33" Wheels**

Patent number 7,434,518 B2

**Barber - Bettendorf Roller Bearing**  
#582  
Smooth code 110  
#1582  
Smooth code 88

**33" Wheels**

Patent number 7,434,518 B2

**Arch Bar**  
#583  
Ribbed code 110  
#1583  
Ribbed code 88

**33" Wheels**

Patent number 7,434,518 B2

**Electrical Pickup Caboose Trucks**

**Bettendorf**  
#590  
Smooth back

**33" Wheels**

Patent number 7,434,518 B2

**Arch Bar**  
#593  
Smooth back

**33" Wheels**

Patent number 7,434,518 B2

**#169 RECTIFIER KIT**  
For use with Electrical Pickup Caboose Trucks  
Converts AC or DC track current to polarized DC current suitable for LED lighting and other electronic devices that require DC current.  
Includes: 1 Rectifier 1A 400V, 1 Capacitor 47UF 35V, 1 Fuse Holder 2AG Block 300V, 1 Fuse 250mA 250V 2AG

