



May 2023



New Products, News,

and Information...

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

## Large Scale Coupler Basics

Most Large Scale manufacturers use their own proprietary knuckle couplers or hook and loop couplers. As many modelers have found out, some may or may not be compatible with each other both operationally and coupler mounting heights. Kadee® couplers, when installed correctly and using our Delayed Magne-Matic® Uncoupling system, are a complete "hands off" coupler system. Kadee® couplers can be fitted to almost any model which eliminates any compatibility issues.

Our large scale couplers represents the common Type E coupler and come in two types and two scale sizes "G" scale 1:22.5 and #1 scale 1:32 scale ratio. Our original coupler style has an exposed knuckle spring with minimal details. Our newer style AAR Type E (New Generation) has a much more prototypically detailed coupler head and the knuckle spring is hidden inside the head and cannot be seen. Both styles are completely compatible with each other and use the same draft gear boxes, so the conversion information is the same for both.

Kadee® coupler heights are based on the NMRA Standards S-1. For large scale the G-Scale 1:22.5 couplers are the most popular couplers. The coupler height is 1 1/8" (1.125") and #1 scale is 1 1/16" (1.0625" or 27 mm), measured from the top of the rails to the "center" of the coupler head. These heights are very close to the correct prototypical coupler height that is in line with the center beam of a freight car. On some models we have to use an off-set coupler to raise the coupler to the correct height especially on truck mounted coupler arms. Many large scale manufacturers use truck mounted couplers on their rolling stock for a number of reasons mostly to be able to negotiate tight curves and to mount their proprietary couplers low enough to use their in track uncoupling devices. This low mounting height means that to put a Kadee® coupler on the original truck mounting we have to use a large off-set coupler that "goose necks" up to the correct height. We offer large and medium off-set couplers, as well as center-set couplers to help achieve the correct coupler height.

Since "Large Scale" covers several different actual "scale proportions" ranging through but not limited to 1:32, 1:29, 1:24, 1:22.5, and 1:20.3 scale ratios. The choice of what coupler size to use is left up to the modeler. Some like the smaller #1 scale (1:32 scale) couplers because of their more to scale appearance on 1:32 and 1:29 scale models. You usually have to use 1:32 scale couplers on #1 scale models regardless. But on other scale models you have a choice of either #1 or G-Scale couplers. G-Scale couplers are the most popular couplers used in Large Scale.

Large Scale Coupler Conversions can be found at [www.kadee.com/lssc](http://www.kadee.com/lssc)

### Type "E" G-Scale Coupler

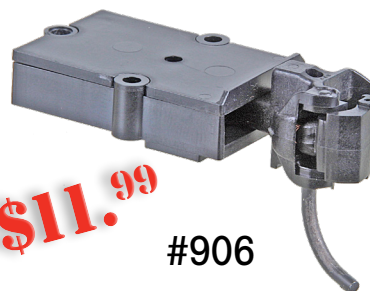
#### Straight Centerset Shank Couplers with Body Mount Gearboxes

Centerset Shank Couplers & #910 (#830) Body Mount Gearboxes.

- AAR Type "E" Coupler
- Simple Drop in Design
- Hidden Knuckle Spring
- Trouble Free Operation
- Compatible with All Kadee® G-Scale Couplers
- World-Renowned Quality & Performance
- They just Last & Last & Last...
- Patent number 7,810,660 B1

**EASY TO USE**

**Hidden Knuckle Spring**



#906

One pair per package

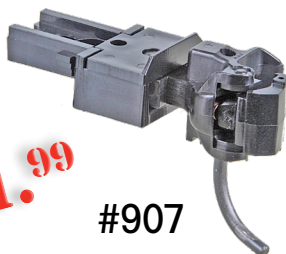
**\$11.99**

### Type "E" G-Scale Couplers with Truck Mount Gearboxes

#### #907 Centerset Couplers

##### with Truck Mount Gearboxes

Centerset Couplers & #911 Gearboxes.



#907

**\$11.99**

One pair per package

#### #908 Medium Couplers

##### with Truck Mount Gearboxes

Medium Offset Couplers & #911 Gearboxes.



#908

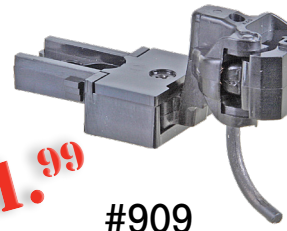
**\$11.99**

One pair per package

#### #909 Large Offset Couplers

##### with Truck Mount Gearboxes

Large Offset Couplers & #911 Gearboxes.



#909

**\$11.99**

One pair per package

# May 2023 New Rolling Stock!

Kadee® prides itself in creating and manufacturing premium "RTR" rolling stock as close to scale & detail as possible. Model railroaders can expect only the best quality & craftsmanship with every Kadee® quality product. Nothing stacks up to the accuracy, detail, quality, & authenticity of Kadee® Cars over all other "RTR" cars on the market.



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Entirely in the U.S.A.



## HO-Scale Ready-to-Run Rolling Stock



**NEW**

**6745 D&RGW #63675 .... \$43.99**

Denver Rio Grand Western  
Lot: 8326 - Series: 63500-63699  
BLT. 1957 - Factory New  
Boxcar Red

## Current In-Stock HO-Scale "RTR" Freight Cars

050123

### 40' PS-1 Boxcars



4331 ACY #3454..... \$39.95



4334 DSS&A #15052..... \$43.99



4335 ATSF #276531 (4332 Blem) ... \$41.99



5326 CNJ #23548..... \$43.99



6929 KDC #029..... \$41.99

### 50' PS-1 Boxcars



6026 C&O #21139..... \$44.99



6417 ACY #3600..... \$43.99



6744 NH #40514..... \$39.95



6745 D&RGW #63675..... \$43.99



6927 KDC #027..... \$42.95

### 50-ton AAR "Standard" Open Bay Hopper



7525 GM&O #32487..... \$42.95



7526 MILW #96863..... \$45.99

### 2003 CU FT. PS-2 Hopper



8343 M&STL #70351..... \$44.99

### ACF 11,000 Gallon Insulated Tank Car



9020 SILX #101..... \$45.95

### Undecorated Cars

4000	40' PS-1 Boxcar.....	\$39.99
5199	40' PS-1 Boxcar.....	\$39.99
5200	40' PS-1 Boxcar.....	\$39.99
6000	50' PS-1 Boxcar.....	\$39.99
7001	Open Bay Hopper.....	\$41.95
7002	Open Bay Hopper.....	\$41.95
7501	Open Bay Hopper.....	\$41.95
8001	Covered Hopper.....	\$41.95
8601	Covered Hopper.....	\$41.95
9000	Tank Car.....	\$42.95



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**HO-Scale and Large-Scale  
Coupler Conversions can be found at**  
[www.kadee.com/convpl](http://www.kadee.com/convpl)

CNW, DRGW, MKT, MP, SP, SSW, UP, & WP marks are made under trademark license from Union Pacific Railroad Company.

⚠ WARNING: CHOKING HAZARD - Small Parts - Not for children under 14 years.

Lettering similar to cars shown

\*Subject to change without notice.

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