



G-SCALE COUPLER CONVERSION LIST (11-04-09)

The below listings with an asterisk (*) indicates conversions with separate drawings and/or instructions not normally covered in the particular coupler instructions and are available upon request. Most conversions with an asterisk (*) are available on the internet at www.kadee.com/conv/page-c3.htm

(†) Indicates the "New Generation" Type "E" Coupler Only replacement to convert older style or damaged couplers to the NEW Type "E" Coupler.

Note: #900†, 901†, 902†, 903†, 904, 906, 907, 908, 909 are all "New Generation" Type "E" Couplers.

(‡) The "New Generation" Type "E" Coupler Only replacement will need to be trimmed for gearbox clearance.

Replacement Gear Boxes #910 (830 type), #911 (831 type), #912 (835 type), #913 (832 type), #914 (779 type), #915 (791 type),

ACCUCRAFT, AMERICAN MODEL SUPPLY (AMS)	
0-4-0 Caradoc.....	901†, 779
0-4-0 Ida.....	901†, 779
0-4-0 Porter.....	(Adjust Beam) 901†, 779
0-4-0 Ruby Deluxe.....	901†, 779
0-4-0T Ruby.....	(Adjust Beam) 901†, 779
0-6-2 Superior.....	901†, 779
2-4-2 Mimi.....	901†, 779
Shay - Mich. Cal #2.....	901†, 779
Shay - Mich. Cal #5.....	901†, 779
Shay - 13T Open End.....	901†, 779
Plymouth Switcher.....	901†, 779, 835
* Freight Cars (Coupler Only).....	901†, 835
Rolling Stock	
Large Pocket.....	900†, 906, 830
Small Pocket.....	901†, 835
* Disconnect Log.....	902†, 908, 787

ARISTO-CRAFT (REA)	
* 0-4-0 Switcher.....	903†, 909, 831
* 2-4-2 Rogers Loco (Rear Only).....	903†, 909, 831
2-8-0 Consolidation C-16 (Tender Only).....	903†, 909, 831
* 2-8-2 Mikado (Pilot).....	903†, 909, 831
Vanderbilt Tender	
(#1 Scale add .075" shim).....	900†, 906, 830, 930
* Slope Back Tender (#21900 Series).....	903†, 909, 831
2-8-8-2 Mallet	
(Pilot).....	902†, 908, 787
(Tender).....	903†, 909, 831
* 4-6-2 Pacific (Tender Only).....	903†, 909, 831
FA-1 Diesel Loco (First Production).....	902†, 903†, 793
FB-1 Diesel Loco (First Production).....	903†, 792
Lif' Critter.....	902†, 788
Center Cab Industrial Switcher.....	902†, 788
* E-8.....	900†, 906, 830, 930
* GP-40.....	902†, 908, 787
RDC (Budd RDC-1).....	901†, 907, 789
RS-3 Diesel	
Large Diameter (More than 8 Foot Diameter).....	902†, 908, 787
8 Foot Diameter.....	902†, 788
Tight Diameter (Less than 8 Foot Diameter).....	902†, 786
* GE Dash 9-44 CW.....	901†, 907, 789
GE U-25 B Locomotive	
Conversion Platform (Coupler not included).....	884
* SD-45 Diesel Loco.....	902†, 908, 787
Doodle Bug-rail Car	
* Front.....	902†, 908, 787
* Rear.....	903†, 909, 831
* Eggliner Locomotive.....	902†, 908, 787
* Rail Bus (Rear Only).....	903†, 909, 831
* Snow Plow.....	902†, 788
Rolling Stock.....	903†, 909, 831
Smooth Side Passenger Cars	
(mounted on "top" of extension).....	901†, 907, 789
* Streamline Passenger Car.....	903†, 909, 831
Heavyweight Passenger Car	
Conversion Platform (Coupler not included).....	881
"Flex Bracket" (Coupler not included).....	883
"Flex Bracket with #830 Couplers".....	838

ASTER Steam (Brass)	
K-28 (LGB).....	901† & 903†, 791

BACHMANN	
* 4-6-0 Big Hauler.....	901† & 903†, 791
* 2-4-2 Prairie	
Pilot.....	901†, 907, 789
Tender.....	903†, 909, 831
* 2-4-2 Tank Switcher (Spectrum).....	903†, 909, 831
2-8-0 Consolidation.....	901† & 902†, 781
4-6-0 Ten Wheelers.....	901† & 903†, 791
* 0-4-0 Porter.....	903†, 796
2-6-0 Mogul (Tender Only).....	903†, 837
* 4-4-0 Centennial (Tender Only).....	903†, 837
Climax.....	782
* Heisler.....	901†, 835
Shay (New & Old Production)	
* Large Diameter (8 Foot Diameter & Larger).....	901†, 789, 835
* Small Diameter (Less than 8 Foot Diameter).....	903†, 909, 831
* 45 Ton Diesel Switcher.....	901†, 835
* Side Dump Ore Car (All Plastic).....	901†, 907, 789
Log Car (B).....	901†, 907, 789
20' Rolling Stock.....	902†, 908, 787
Other Rolling Stock - to date.....	903†, 909, 831

CHARLES RO	
Rolling Stock.....	903†, 909, 831

DEPOT G	
Rolling Stock.....	903†, 909, 831

DELTON	
2-8-0 C-16 Locomotive (Tender Only).....	903†, 909, 831
Rolling Stock.....	903†, 909, 831

HARTLAND LOCOMOTIVE WORKS	
Big John.....	903†, 784
* Mack Switcher.....	901†, 779
Sparky Switcher.....	901†, 779
* 0-4-0 Loco and Tender.....	903†, 832
* Dutchess 2-4-0 (Tender Only).....	903†, 909, 831
* Princess 2-4-4 Forney (Tender Only).....	903†, 909, 831
4-4-0 American (Tender Only).....	903†, 909, 831
* Rolling Stock.....	903†, 909, 831

KALAMAZOO	
* 0-4-0 Loco #27 and #54.....	903†, 832
4-4-0 American (Tender Only).....	903†, 909, 831
Freight Cars.....	903†, 909, 831
Passenger Cars	
(Small Diameter) (Less than 8 Foot Diameter).....	903†, 797
(Larger Diameter) (8 Foot Diameter & Larger).....	903†, 834

LGB	
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STEAM	
0-4-0 Small Steam	
(20100, 20101, 20200, 21211, 20761, 20750?, 21761, 22212, 23211).....	903†, 832

* 0-4-0 Industrial Loco (Field Rwy)	
(20140, 21140, 22140, 23140).....	903†, 909, 831
0-4-0 With Drive Tender (20151, 21151).....	903†, 796
0-4-0 Old West w/Cow Catcher (Tender Only)	
(20171, 22171).....	903†, 909, 831
* 0-4-0 Porter (LEHMANN) (21771, 22771).....	901†, 835
0-4-2 Chloe (Rear Only) (20130, 22130).....	903†, 909, 831
0-6-2 Series "U"	
(20701, 20711, 21701, 21711, 22701, 20731, 23701).....	903†, 796
2-6-6-0 CC Mallet Tank	
(20851, 23851, 22852, 25851).....	903†, 832
2-4-0 (20232, 21232)(Pilot ? Tender only).....	903†, 909, 831
2-6-0 Mogul W/Coupler pilot	
(20192, 21190, 22184, 22192, 23191, 24194, 25182, 25192, 25194, 26192, 27192, 29192).....	901† & 903†, 791
2-6-0 Mogul "Bear Trap" w/Plow	
(23192, 25192, 26182, 27182).....	903†, 909, 831
2-6-0 Mogul Draw Bar Pilot (Tender Only)	
(20281, 21181, 22182, 23182, 24182).....	903†, 909, 831
2-6-0 Spreewald (21741, 22741).....	903†, 909, 831
2-6-2 Tank	
(20801, 20802, 21802, 22801, 23802, 24801).....	903†, 799
Forney (20251, 20252, 21251, 21252, 23252).....	790
2-6-6-2 Mallet Sumpter Valley	
(20892, 21892).....	783
2-6-6-0 Mallet Unitah Rwy Co.	
(20882, 21881).....	783
2-8-2 Mikado (European Style)	
(22871, 22872).....	(?) 903†, 909, 831
2-8-2 Mikado	
(20872, 21872, 23872, 24872, 25872).....	(?) 901† & 903†, 791
DIESEL	
* F-7 All "A" & "B" Units.....	903†, 909, 831
Alco DL 535E	
(20550, 21552, 20560, 21562, 22552, 22560, 22562, 23560, 24552).....	903†, 909, 831
DB Diesel loco	
(21510, 22512, 23510, 24512).....	903†, 909, 831
Diesel Switcher	
(20630 D&RWG), (22630 SVR), (23630 PRR).....	903†, 909, 831
* Genesis (20490).....	903†, 909, 831
Switcher (20604, 20610, 22604, 23600).....	903†, 832
Industrial Switcher (20620, 21620).....	903†, 832
Kleinlok Switcher (20900, 21900).....	903†, 832
Track Cleaning Loco (20670).....	903†, 832
Track Maintenance and Fire Dept	
(20330, 22330).....	903†, 832
* Rail Truck (20680, 21680, 22680, 23680).....	901†, 835
Diesel Snow Plow (25604).....	903†, 832

TRAKTOR	
Traktor Locos (20410, 27410).....	903†, 832
ELECTRIC	
Electric Loco Switcher	
(20300, 21300, 22300).....	903†, 832
GE6/6 RhB "Crocodile"	
(20400, 21400, 22400, 24402).....	903†, 832
GE2/4 Slant Rod Passenger	
(20440, 20450, 21440, 21450).....	903†, 799
Tractor Locos (20410, 27410).....	903†, 832
ROLLING STOCK	
2 Axle Cars.....	903†, 833
4 Axle Cars.....	903†, 909, 831
* Field Railroad Cars (& similar short cars).....	903†, 909, 831
* Disconnect Log Car.....	903†, 909, 831
#30410, 3530, 40430 Through 40470.....	903†, 798
Passenger Cars (Small Diameter).....	903†, 797

LIONEL	
0-4-0 Loco-Frontier Freight	
Thunder Mountain Express Great Northern.....	903†, 795
0-6-0 Gold Rush Special	
Disney Magic Express (Rear Only).....	903†, 795
4-4-2 Loco and Tender.....	902† & 903†, 794
GP-20 Diesel.....	902†, 908, 787
Rolling Stock.....	903†, 909, 831

MODEL DIE CASTING (MDC)	
Little Hustler.....	903†, 909, 831
* Big Hustler.....	901†, 835
Rolling Stock.....	903†, 909, 831

USA TRAINS	
4-6-4 Hudson Steam	
(Tender only).....	900†, 906, 830, 930
* 44 Ton Loco.....	903†, 909, 831
20 Ton Loco.....	903†, 785
* F-3 "A" & "B" Units	
(two options, instructions available) (Pilot).....	902†, 908, 787
* (Pedestal).....	903†, 909, 831
* (Platform).....	900†, 906, 830, 930
* GC-1.....	901†, 835
GP-7.....	903†, 785
GP-9.....	903†, 785
GP-30.....	903†, 909, 831
* (Closer more secure coupling).....	902†, 908, 787
GP-38-2.....	903†, 785
* S-4.....	902†, 908, 787
* SD-40-2.....	903†, 837
* SD-70 MAC.....	902†, 836
NW-2	
Large Diameter (8 Foot Diameter & Larger).....	902†, 908, 787
* Small Diameter (Less than 8 Foot Diameter).....	903†, 909, 831
Rolling Stock.....	903†, 909, 831

Ultimate Series	
* Extruded Aluminum Passenger Car	
.....	900†, 906, 830, 930
* Modern Tank Car.....	900†, 906, 830, 930
* 4 Bay Center Flow Hopper.....	900†, 906, 830, 930
Freight Cars - With Body Mounts.....	900†, 906, 830, 930

DIMENSIONS OF G-SCALE BODY MOUNTED GEAR BOXES	
#830, 930.....	1 21/32" long x 1 5/32" wide x 13/32" high
#831.....	1 7/32" long x 25/32" wide x 3/8" high
#835-#837.....	9/16" long x 13/16" wide x 3/8" high

DIMENSIONS OF G-SCALE STATIONARY SHANK COUPLERS	
#904.....	1" long x 1/4" wide x 3/16" high



#1-SCALE COUPLER CONVERSION LIST (11-04-09)

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Replacement Gear Boxes #910 (830 type), #911 (831 type), #912 (835 type), #913 (832 type), #914 (779 type), #915 (791 type),

ACCUCRAFT, AMERICAN MODEL SUPPLY (AMS)	
0-4-0 Caradoc.....	1779
0-4-0 Ida.....	1779
0-4-0 Porter..... (Adjust Beam)	1779
0-4-0 Ruby Deluxe.....	1779
0-4-0T Ruby..... (Adjust Beam)	1779
0-6-2 Superior.....	1779
2-4-2 Mimi.....	1779
4-8-8-4 Big Boy 1:32 (Tender Only).....	822
Shay - Mich. Cal #2.....	1779
Shay - Mich. Cal #5.....	1779
Shay - 13T Open End.....	1779
Plymouth Switcher.....	1779
* Freight Cars (Coupler Only).....	1779, 1835
Rolling Stock	
Large Pocket (with shim).....	820, 920
Small Pocket.....	1835
* Disconnect Log (Link & Pin Pocket).....	921

ARISTO-CRAFT (REA)	
* 0-4-0 Switcher.....	1831
* 2-4-2 Rogers Loco (Rear Only).....	1831
2-8-0 Consolidation C-16 (Tender Only).....	1831
* 2-8-2 Mikado (Pilot).....	1831
Vanderbilt Tender	
(#1 Scale add .075" shim).....	820, 920
Slope Back Tender (#21900 Series).....	1831
2-8-8-2 Mallet	
(Pilot).....	1787
(Tender).....	1831
* 4-6-2 Pacific (Tender Only).....	1831
FA-1 Diesel Loco (First Production).....	1793
FB-1 Diesel Loco (First Production).....	1792
Lil' Critter.....	1788
Center Cab Industrial Switcher.....	1788
* E-8.....	820, 920
* GP-40.....	1787
RDC (Budd RDC-1).....	1789
RS-3 Diesel	
Large Diameter (More than 8 Foot Diameter).....	1787
8 Foot Diameter.....	1788
Tight Diameter (Less than 8 Foot Diameter).....	1786
* GE Dash 9-44 CW.....	1789
GE U-25 B Locomotive	
Conversion Platform (Coupler not included).....	884
* SD-45 Diesel Loco.....	1787
Doodle Bug-rail Car	
* Front.....	1787
* Rear.....	1831
* Eggliner Locomotive.....	1787
* Rail Bus (Rear Only).....	1831
* Snow Plow.....	1788
Rolling Stock.....	1831
Smooth Side Passenger Cars	
(mounted on "top" of extension).....	1789
* Streamline Passenger Car.....	1831
Heavyweight Passenger Car	
Conversion Platform (Coupler not included).....	881
"Flex Bracket" (Coupler not included).....	882
"Flex Bracket with #820 Couplers".....	819

ASTER Steam (Brass)	
Hudson, New York Central (B).....	827
K-28 (LGB).....	1791
Caboose (B).....	824

BACHMANN	
* 4-6-0 Big Hauler.....	1791
* 2-4-2 Prairie	
Pilot.....	1789
Tender.....	1831
* 2-4-2 Tank Switcher (Spectrum).....	1831
2-8-0 Consolidation.....	1781
4-6-0 Ten Wheelers.....	1791
* 0-4-0 Porter.....	1796
2-6-0 Mogul (Tender Only).....	1837
* 4-4-0 Centennial (Tender Only).....	1837
Climax.....	1782
* Heisler.....	1835
Shay (New & Old Production)	
* Large Diameter (8 Foot Diameter & Larger).....	1789, 1835
* Small Diameter (Less than 8 Foot Diameter).....	1831
* 45 Ton Diesel Switcher.....	1835
* Side Dump Ore Car (All Plastic).....	1789
Log Car (B) (#920 is the same color as the car).....	820, 920
20" Rolling Stock.....	1787
Other Rolling Stock - to date.....	1831

CHARLES RO	
Rolling Stock.....	1831

DEPOT G	
Rolling Stock.....	1831

DELTON	
2-8-0 C-16 Locomotive (Tender Only).....	1831
Rolling Stock.....	1831

HARTLAND LOCOMOTIVE WORKS	
Big John.....	1784
* Mack Switcher.....	1779
* Sparky Switcher.....	1779
* 0-4-0 Loco and Tender.....	1832
* Dutchess 2-4-0 (Tender Only).....	1831
* Princess 2-4-4 Forney (Tender Only).....	1831
4-4-0 American (Tender Only).....	1831
* Rolling Stock.....	1831

KALAMAZOO	
* 0-4-0 Loco #27 and #54.....	1832
4-4-0 American (Tender Only).....	1831
Freight Cars.....	1831
Passenger Cars	
(Small Diameter) (Less than 8 Foot Diameter).....	1797
(Larger Diameter) (8 Foot Diameter & Larger).....	1834

J & M MODELS	
Freight Cars.....	820, 920

LGB

STEAM	
0-4-0 Small Steam	
(20100, 20101, 20200, 21211, 20761, 20750?, 21761, 22212, 23211).....	1832
* 0-4-0 Industrial Loco (Field Rwy)	
(20140, 21140, 22140, 23140).....	1831
0-4-0 With Drive Tender (20151, 21151).....	1796
0-4-0 Old West w/Cow Catcher (Tender Only)	
(20171, 22171).....	1831
* 0-4-0 Porter (LEHMANN) (21771, 22771).....	1835
0-4-2 Chloe (Rear Only) (20130, 22130).....	1831
0-6-2 Series "U"	
(20701, 20711, 21701, 21711, 22701, 20731, 23701).....	1796
0-6-6-0 CC Mallet Tank	
(20851, 23851, 22852, 25851).....	1832
2-4-0 (20232, 21232)(Pilot? Tender only).....	1831
2-6-0 Mogul W/Coupler pilot	
(20192, 21190, 22184, 22192, 23191, 24194, 25182, 25192, 25194, 26192, 27192, 29192).....	1791
2-6-0 Mogul "Bear Trap" w/Plow	
(23192, 25192, 26182, 27182).....	1831
2-6-0 Mogul Draw Bar Pilot (Tender Only)	
(20281, 21181, 22182, 23182, 24182).....	1831
2-6-0 Spreewald (21741, 22741).....	1831
2-6-2 Tank	
(20801, 20802, 21802, 22801, 23802, 24801).....	1799
Forney (20251, 20252, 21251, 21252, 23252).....	1790
2-6-6-2 Mallet Sumpter Valley	
(20892, 21892).....	1783
2-6-6-0 Mallet Utah Rwy Co.	
(20882, 21881).....	1783
2-8-2 Mikado (European Style)	
(22871, 22872).....	(?) 1831
2-8-2 Mikado	
(20872, 21872, 23872, 24872, 25872).....	(?) 1791
DIESEL	
* F-7 All "A" & "B" Units.....	1831
Alco DL 535E	
(20550, 21552, 20560, 21562, 22552, 22556, 22562, 23560, 24552).....	1831
DB Diesel loco	
(21510, 22512, 23510, 24512).....	1831
Diesel Switcher	
(20630 D&RGW), (22630 SVR), (23630 PRR).....	1831
* Genesis (20490).....	1831
Switcher (20604, 20610, 22604, 23600).....	1832
* Industrial Switcher (20620, 21620).....	1832
Kleinlok Switcher (20900, 21900).....	1832
Trak Cleaning Loco (20670).....	1832
Track Maintenance and Fire Dept	
(20330, 22330).....	1832
* Rail Truck (20680, 21680, 22680, 23680).....	1835
Diesel Snow Plow (25604).....	1832

ELECTRIC	
Electric Loco Switcher	
(20300, 21300, 22300).....	1832
GE6/6 RhB "Crocodile"	
(20400, 21400, 22400, 24402).....	1832
GE2/4 Slant Rod Passenger	
(20440, 20450, 21440, 21450).....	1799
ROLLING STOCK	
2 Axle Cars.....	1833
4 Axle Cars.....	1831
* Field Railroad Cars (& similar short cars).....	1831
* Disconnect Log Car.....	1831
#30410, 3530, 40430 Through 40470.....	1798
Passenger Cars (Small Diameter).....	1797

LIONEL	
0-4-0 Loco-Frontier Freight	
Thunder Mountain Express Great Northern.....	1795
0-6-0 Gold Rush Special	
Disney Magic Express (Rear Only).....	1795
4-4-2 Loco and Tender.....	1794
GP-20 Diesel.....	1787
Rolling Stock.....	1831

MARKLN #1 Scale	
* Low Side Car.....	1789
* American Passenger Car	
"Flex Bracket" (Coupler not included).....	882
"Flex Bracket with #820 Couplers".....	819

MODEL DIE CASTING (MDC)	
Little Hustler.....	1831
* Big Hustler.....	1835
Rolling Stock.....	1831

MIKE'S TRAIN HOUSE (MTH)	
4-6-4 Hudson (Tender only).....	820, 920
4-6-6-4 Challenger (Tender only).....	820, 920
"RailKing" Rolling Stock.....	820, 920

PRECISION SCALE CO. / IRON HORSE (PSC)	
Gondolas, Boxcars and Tank Cars.....	820, 920

SAMHONGSA	
Hopper Car.....	822

USA TRAINS	
4-6-4 Hudson Steam	
(Tender only) (add .075" shim).....	820, 920
* 44 Ton Loco.....	1831
20 Ton Loco.....	1785
* F-3 "A" & "B" Units	
(two options, instructions available) (Pilot).....	1787
* (Pedestal).....	1831
* (Platform).....	820
* GG-1.....	1835
GP-7.....	1785
GP-9.....	1785
GP-30.....	1831
* (Closer more secure coupling).....	1787
GP-38-2.....	1785
* S-4.....	1787
* SD-40-2.....	1837
* SD-70 MAC.....	1836
NW-2	
Large Diameter (8 Foot Diameter & Larger).....	1787
* Small Diameter (Less than 8 Foot Diameter).....	1831
Rolling Stock.....	1831

Ultimate Series	
* Extruded Aluminum Passenger Car.....	820, 920
* Modern Tank Car.....	820, 920
* 4 Bay Center Flow Hopper.....	820, 920
Freight Cars - With Body Mounts	
(Use .075" Thick Shim).....	820, 920

DIMENSIONS OF #1-SCALE BODY MOUNTED GEAR BOXES	
#820, 920.....	1 1/4" long x 7/8" wide x 5/16" high
#821.....	17/32" long x 5/8" wide x 9/32" high
#1831.....	1 7/32" long x 25/32" wide x 3/8" high
#1835-#1837.....	9/16" long x 13/16" wide x 3/8" high

DIMENSIONS OF #1-SCALE STATIONARY SHANK COUPLERS	
#822.....	1" long x 1/4" wide x 3/16" high
#823.....	1" long x 1/4" wide x 5/16" high