



# G-SCALE COUPLER CONVERSION LIST (5-9-14)

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](http://www.kadee.com/conv/page-c3.htm)

**Note:** If the coupler conversion doesn't have a "New Generation" Type "E" Coupler option listed it is not available. If you would like "New Generation" Type "E" Couplers, you will need to purchase the listed coupler package (in order to have the necessary components for conversion) & then you would need to purchase the appropriate "New Generation" Type "E" Coupler replacement couplers & swap out couplers in original conversion. Use the coupler cross reference chart description or coupler description from Kadee® web site product page to identify the coupler style included in the packaging. The #782 & #783 have modified couplers that are not available in the "New Generation" Type "E" Coupler.

ACCUCRAFT, AMERICAN MODEL SUPPLY (AMS)	
0-4-0 Caradoc.....	905 or 779
0-4-0 Ida.....	905 or 779
0-4-0 Porter.....	(Adjust Beam) 905 or 779
0-4-0 Ruby Deluxe.....	905 or 779
0-4-0T Ruby.....	(Adjust Beam) 905 or 779
0-6-2 Superior.....	905 or 779
2-4-2 Mimi.....	905 or 779
Shay - Mich. Cal #2.....	905 or 779
Shay - Mich. Cal #5.....	905 or 779
Shay - 13T Open End.....	905 or 779
Plymouth Switcher	
(Front).....	905 or 779
(Rear).....	835
* Freight Cars (Coupler Only).....	835
<b>Rolling Stock</b>	
Large Pocket.....	906 or 830
Small Pocket.....	835
* Disconnect Log.....	908 or 787

ARISTO-CRAFT (REA)	
* 0-4-0 Switcher.....	909 or 831
* 2-4-2 Rogers Loco (Rear Only).....	909 or 831
2-8-0 Consolidation C-16 (Tender Only).....	909 or 831
* 2-8-2 Mikado (Pilot).....	909 or 831
Vanderbilt Tender	
(#1 Scale add .075" shim).....	906 or 830
* Slope Back Tender (#21900 Series).....	909 or 831
2-8-8-2 Mallet	
(Pilot).....	908 or 787
(Tender).....	909 or 831
* 4-6-2 Pacific (Tender Only).....	909 or 831
FA-1 Diesel Loco (First Production).....	793
FB-1 Diesel Loco (First Production).....	792
Lil' Critter.....	788
Center Cab Industrial Switcher.....	788
* E-8.....	906 or 830
* GP-40.....	908 or 787
RDC (Budd RDC-1).....	907 or 789
RS-3 Diesel	
Large Diameter (More than 8 Foot Diameter).....	908 or 787
8 Foot Diameter.....	788
Tight Diameter (Less than 8 Foot Diameter).....	786
* GE Dash 9-44 CW.....	907 or 789
GE U-25 B Locomotive	
Conversion Platform (Coupler not included).....	884
(Use the #830 or #906 Coupler with the 884)	
* SD-45 Diesel Loco.....	908 or 787
Doodle Bug-rail Car	
(Front).....	908 or 787
(Rear).....	909 or 831
* Eggliner Locomotive.....	908 or 787
* Rail Bus (Rear Only).....	909 or 831
* Snow Plow.....	788
Rolling Stock.....	909 or 831
Smooth Side Passenger Cars	
(mounted on "top" of extension).....	907 or 789
* Streamline Passenger Car.....	909 or 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).....	791
<b>BACHMANN</b>	
* 4-6-0 Big Hauler.....	791
* 2-4-2 Prairie	
Pilot.....	907 or 789
Tender.....	909 or 831
* 2-4-2 Tank Switcher (Spectrum).....	909 or 831
2-8-0 Consolidation.....	781
4-6-0 Ten Wheelers.....	791
* 0-4-0 Porter.....	796
2-6-0 Mogul (Tender Only).....	837
* 4-4-0 Centennial (Tender Only).....	837
Climax.....	782
* Heisler.....	835
Shay (New & Old Production)	
* Large Diameter (8 Foot Diameter & Larger)	
(Front).....	907 or 789
(Rear).....	835
* Small Diameter (Less than 8 Foot Diameter).....	909 or 831
* 45 Ton Diesel Switcher.....	835
* Side Dump Ore Car (All Plastic).....	907 or 789
Log Car (B).....	907 or 789
20' Rolling Stock.....	908 or 787
Other Rolling Stock - to date.....	909 or 831

BACHMANN SPECTRUM®	
2-4-4 Forney.....	916
2-6-6-2 Baldwin Articulated.....	916
1:20.3 Narrow Gauge Rolling Stock.....	916

CHARLES RO	
Rolling Stock.....	909 or 831

DEPOT G	
Rolling Stock.....	909 or 831

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

HARTLAND LOCOMOTIVE WORKS	
Big John.....	784
* Mack Switcher.....	905 or 779
Sparky Switcher.....	905 or 779
* 0-4-0 Loco and Tender.....	832
* Dutchess 2-4-0 (Tender Only).....	909 or 831
* Princess 2-4-4 Forney (Tender Only).....	909 or 831
4-4-0 American (Tender Only).....	909 or 831
* Rolling Stock.....	909 or 831

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

### LGB

STEAM	
0-4-0 Small Steam	
(20100, 20101, 20200, 21211, 20761, 20750?, 21761, 22212, 23211).....	832
* 0-4-0 Industrial Loco (Field Rwy)	
(20140, 21140, 22140, 23140).....	909 or 831
0-4-0 With Drive Tender (20151, 21151).....	796
0-4-0 Old West w/Cow Catcher (Tender Only)	
(20171, 22171).....	909 or 831
* 0-4-0 Porter (LEHMANN) (21771, 22771).....	835
0-4-2 Chloe (Rear Only) (20130, 22130).....	909 or 831
0-6-2 Series "U"	
(20701, 20711, 21701, 21711, 22701, 20731, 23701).....	796
0-6-6-0 CC Mallet Tank	
(20851, 23851, 22852, 25851).....	832
2-4-0 (20232, 21232)(Pilot? Tender only).....	909 or 831
2-6-0 Mogul W/Coupler pilot	
(20192, 21190, 22184, 22192, 23191, 24194, 25182, 25192, 25194, 26192, 27192, 29192).....	791
2-6-0 Mogul "Bear Trap" w/Plow	
(23192, 25192, 26182, 27182).....	909 or 831
2-6-0 Mogul Draw Bar Pilot (Tender Only)	
(20281, 21181, 22182, 23182, 24182).....	909 or 831
2-6-0 Spreewald (21741, 22741).....	909 or 831
2-6-2 Tank	
(20801, 20802, 21802, 22801, 23802, 24801).....	799
Forney (20251, 20252, 21251, 21252, 23252).....	790
2-6-6-2 Mallet Sumpter Valley	
(20892, 21892).....	783
2-6-6-0 Mallet Utah Rwy Co.	
(20882, 21881).....	783
2-8-2 Mikado (European Style)	
(22871, 22872).....	(?) 909 or 831
2-8-2 Mikado	
(20872, 21872, 23872, 24872, 25872).....	(?) 791

DIESEL	
* F-7 All "A" & "B" Units.....	909 or 831
Alco DL 535E	
(20550, 21552, 20560, 21562, 22552, 22560, 22562, 23560, 24552).....	909 or 831
DB Diesel loco	
(21510, 22512, 23510, 24512).....	909 or 831
Diesel Switcher	
(20630 D&RGW), (22630 SVR), (23630 PRR).....	909 or 831
* Genesis (20490).....	909 or 831
Switcher (20604, 20610, 22604, 23600).....	832
Industrial Switcher (20620, 21620).....	832
Kleinlok Switcher (20900, 21900).....	832
Track Cleaning Loco (20670).....	832
Track Maintenance and Fire Dept	
(20330, 22330).....	832
* Rail Truck (20680, 21680, 22680, 23680).....	835
Diesel Snow Plow (25604).....	832

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

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

MODEL DIE CASTING (MDC)	
Little Hustler.....	909 or 831
* Big Hustler.....	835
Rolling Stock.....	909 or 831

PIKO	
Rolling Stock.....	909 or 831

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

Ultimate Series	
* Extruded Aluminum Passenger Car	
.....	906 or 830
* Modern Tank Car.....	906 or 830
* 4 Bay Center Flow Hopper.....	906 or 830
60' Box Car Cushion Underframe.....	906 or 830
Freight Cars - With Body Mounts.....	906 or 830

DIMENSIONS OF G-SCALE BODY MOUNTED GEAR BOXES	
#910.....	1 21/32" long x 1 5/32" wide x 13/32" high
#911.....	1 7/32" long x 25/32" wide x 3/8" high
#912.....	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 (5-9-14)

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### ACCUCRAFT, AMERICAN MODEL SUPPLY (AMS)

0-4-0 Caradoc .....	1905 or 1779
0-4-0 Ida .....	1905 or 1779
0-4-0 Porter .....	(Adjust Beam) 1905 or 1779
0-4-0 Ruby Deluxe .....	1905 or 1779
0-4-0T Ruby .....	(Adjust Beam) 1905 or 1779
0-6-2 Superior .....	1905 or 1779
2-4-2 Mimi .....	1905 or 1779
4-8-8-4 Big Boy 1:32 (Tender Only) .....	1904 or 822
Shay - Mich. Cal #2 .....	1905 or 1779
Shay - Mich. Cal #5 .....	1905 or 1779
Shay - 13T Open End .....	1905 or 1779
Plymouth Switcher .....	1905 or 1779
* Freight Cars (Coupler Only) .....	1835

### Rolling Stock

Large Pocket (with shim) .....	1906 or 820
Small Pocket .....	1835
* Disconnect Log (Link & Pin Pocket) .....	921

### ARISTO-CRAFT (REA)

* 0-4-0 Switcher .....	1909 or 1831
* 2-4-2 Rogers Loco (Rear Only) .....	1909 or 1831
2-8-0 Consolidation C-16 (Tender Only) .....	1909 or 1831
* 2-8-2 Mikado (Pilot) .....	1909 or 1831
Vanderbilt Tender	
#1 Scale add .075" shim .....	1906 or 820
* Slope Back Tender (#21900 Series) .....	1909 or 1831
2-8-8-2 Mallet	

(Pilot)	
(Tender) .....	1908 or 1787
4-6-2 Pacific (Tender Only) .....	1909 or 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 .....	1906 or 820
* GP-40 .....	1908 or 1787
RDC (Budd RDC-1) .....	1789
RS-3 Diesel	

Large Diameter (More than 8 Foot Diameter) .....	1908 or 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
(Use the #820 or #1906 Coupler with the 884)	
* SD-45 Diesel Loco .....	1908 or 1787
Doodle Bug-rail Car	
* (Front) .....	1908 or 1787
* Rear .....	1909 or 1831
* Eggliner Locomotive .....	1908 or 1787
* Rail Bus (Rear Only) .....	1909 or 1831
* Snow Plow .....	1788
Rolling Stock .....	1909 or 1831
Smooth Side Passenger Cars	
(mounted on "top" of extension) .....	1789
* Streamline Passenger Car .....	1909 or 1831
Heavyweight Passenger Car	
Conversion Platform (Coupler not included) .....	881
"Flex Bracket" (Coupler not included) .....	882

### 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 .....	1909 or 1831
* 2-4-2 Tank Switcher (Spectrum) .....	1909 or 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)	
(Front) .....	1789
(Rear) .....	1835
* Small Diameter (Less than 8 Foot Diameter) .....	1909 or 1831
* 45 Ton Diesel Switcher .....	1835
* Side Dump Ore Car (All Plastic) .....	1789
Log Car (B) (#920 is the same color as the car) .....	1906 or 820
20' Rolling Stock .....	1908 or 1787
Other Rolling Stock - to date .....	1909 or 1831

### BACHMANN SPECTRUM®

2-4-4 Forney .....	1916
2-6-6-2 Baldwin Articulated .....	1916
1:20.3 Narrow Gauge Rolling Stock .....	1916

### CHARLES RO

Rolling Stock .....	1909 or 1831
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### DEPOT G

Rolling Stock .....	1909 or 1831
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### DELTON

2-8-0 C-16 Locomotive (Tender Only) .....	1909 or 1831
Rolling Stock .....	1909 or 1831

### HARTLAND LOCOMOTIVE WORKS

Big John .....	1784
* Mack Switcher .....	1905 or 1779
Sparky Switcher .....	1905 or 1779
* 0-4-0 Loco and Tender .....	1832
* Dutchess 2-4-0 (Tender Only) .....	1909 or 1831
* Princess 2-4-4 Forney (Tender Only) .....	1909 or 1831
* 4-4-0 American (Tender Only) .....	1909 or 1831
* Rolling Stock .....	1909 or 1831

### KALAMAZOO

* 0-4-0 Loco #27 and #54 .....	1832
4-4-0 American (Tender Only) .....	1909 or 1831
Freight Cars .....	1909 or 1831
Passenger Cars	
(Small Diameter) (Less than 8 Foot Diameter) .....	1797
(Larger Diameter) (8 Foot Diameter & Larger) .....	1834

### J & M MODELS

Freight Cars .....	1906 or 820
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### LGB

<b>STEAM</b>	
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) .....	1909 or 1831
0-4-0 With Drive Tender (20151, 21151) .....	1796
0-4-0 Old West w/Cow Catcher (Tender Only)	
(20171, 22171) .....	1909 or 1831
* 0-4-0 Porter (LEHMANN) (21771, 22771) .....	1835
0-4-2 Chloe (Rear Only) (20130, 22130) .....	1909 or 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) .....	1909 or 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) .....	1909 or 1831
2-6-0 Mogul Draw Bar Pilot (Tender Only)	
(20281, 21181, 22182, 23182, 24182) .....	1909 or 1831
2-6-0 Spreewald (21741, 22741) .....	1909 or 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 Unitah Rwy Co.	
(20882, 21881) .....	1783
2-8-2 Mikado (European Style)	
(22871, 22872) .....	(?) 1909 or 1831
2-8-2 Mikado	
(20872, 21872, 23872, 24872, 25872) .....	(?) 1791

<b>DIESEL</b>	
* F-7 All "A" & "B" Units .....	1909 or 1831
Alco DL 535E	
(20550, 21552, 20560, 21562, 22552, 22560, 22562, 23560, 24552) .....	1909 or 1831
DB Diesel loco	
(21510, 22512, 23510, 24512) .....	1909 or 1831
Diesel Switcher	
(20630 D&RGW), (22630 SVR), (23630 PRR) .....	1909 or 1831
* Genesis (20490) .....	1909 or 1831
Switcher (20604, 20610, 22604, 23600) .....	1832
Industrial Switcher (20620, 21620) .....	1832
Kleinlok Switcher (20900, 21900) .....	1832
Track Cleaning Loco (20670) .....	1832
Track Maintenance and Fire Dept	
(20330, 22330) .....	1832

* Rail Truck (20680, 21680, 22680, 23680) .....	1835
Diesel Snow Plow (25604) .....	1832
<b>ELECTRIC</b>	
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
<b>ROLLING STOCK</b>	
2 Axle Cars .....	1833
4 Axle Cars .....	1909 or 1831
* Field Railroad Cars (& similar short cars) .....	1909 or 1831
* Disconnect Log Car .....	1909 or 1831
#30410, 3530, 40430 Through 40470	
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 .....	1908 or 1787
Rolling Stock .....	1909 or 1831

### MARKLN #1 Scale

* Low Side Car .....	1789
* American Passenger Car	
"Flex Bracket" (Coupler not included) .....	882

### MODEL DIE CASTING (MDC)

Little Hustler .....	1909 or 1831
* Big Hustler .....	1835
Rolling Stock .....	1909 or 1831

### MIKE'S TRAIN HOUSE (MTH)

All Locomotives & Rolling Stock .....	1906 or 820
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### PIKO

Rolling Stock .....	1909 or 1831
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### PRECISION SCALE CO. / IRON HORSE (PSC)

Gondolas, Boxcars and Tank Cars .....	1906 or 820
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### SAMHONGSA

Hopper Car .....	1904 or 822
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### USA TRAINS

4-6-4 Hudson Steam	
(Tender only) (add .075" shim) .....	1906 or 820
* 44 Ton Loco .....	1909 or 1831
20 Ton Loco .....	1785
* F-3 "A" & "B" Units	
(two options, instructions available) (Pilot) .....	1908 or 1787
* (Pedestal) .....	1909 or 1831
* (Platform) .....	1906 or 820
* GG-1 .....	1835
GP-7 .....	1785
GP-9 .....	1785
GP-30 .....	1909 or 1831
* (Closer more secure coupling) .....	1908 or 1787
GP-38-2 .....	1785
* S-4 .....	1908 or 1787
* SD-40-2 .....	1837
* SD-70 MAC .....	1836
NW-2	
Large Diameter (8 Foot Diameter & Larger) .....	1908 or 1787
Small Diameter (Less than 8 Foot Diameter) .....	1909 or 1831
Rolling Stock .....	1909 or 1831

<b>Ultimate Series</b>	
* Extruded Aluminum Passenger Car .....	1906 or 820
* Modern Tank Car .....	1906 or 820
* 4 Bay Center Flow Hopper .....	1906 or 820
Freight Cars - With Body Mounts	
(Use .075" Thick Shim) .....	1906 or 820

<b>DIMENSIONS OF #1-SCALE BODY MOUNTED GEAR BOXES</b>	
#1920 .....	1 1/4" long x 7/8" wide x 5/16" high
#821 .....	1 7/32" long x 5/8" wide x 9/32" high
#911 .....	1 7/32" long x 25/32" wide x 3/8" high
#912 .....	9/16" long x 13/16" wide x 3/8" high

<b>DIMENSIONS OF #1-SCALE STATIONARY SHANK COUPLERS</b>	
#822, 1904 .....	1" long x 1/4" wide x 3/16" high
#823 .....	1" long x 1/4" wide x 5/16" high