HO-SCALE COUPLER CONVERSION LIST 3-23-16

Most of the below listings have conversion drawing and instructions on our web site at www.kadee.com/conv/ho.htm

Newer models that have factory installed knuckle couplers are easily converted by using our standard head #148 or scale head #158 Whisker® Couplers. Always check the coupler heights with either our #205 or newer #206 Coupler Height Gauge.

This coupler conversion list is our suggested starting coupler for the conversion. (Typically requiring the least modification to a model utilizing our newest couplers even though other couplers also work for the model). Our conversion’s based on only one model from a production run, there may be inconsistencies in a model's production run that require a different coupler or model modifications to achieve the proper coupler height for coupler function.

ACCURAIL
All Rolling Stock ................................. NO.5® or 148

AHM (RIVARROSSI)

ATHEARN
Continued Models with factory installed knuckle couplers are not listed below see conversion info on the top page #1.

STEAM
0-4-0 Dockside (Early model) 34 Pilot, 31 Rear
0-4-0 Dockside (Late model) 34 Pilot, 34 Rear
0-4-0 Switcher w/Tender ..................... 37
0-8-0 Switcher .......................... 38 Pilot, NO.5® or 148 Tender
2-10-2 Saddle Tank Freight Train 36 Pilot, 33 Tender
2-8-2 USRA Mallet ................. 33 Pilot, 27 Tender
4-4-0 Genoa or Reno (Tender only) ........ 34
4-4-2 Casey-Jones (Tender only) ............ 34
4-6-2 Heavy Pacific .................. 33 Pilot, 27 Tender
4-6-2 J3a Hudson .............. Pilot 28, NO.5® or 148 Tender
4-6-4-4T Steam Freight Cars ............. 33 Pilot, 27 Tender
4-8-8-2 Cab Forward (Early model) ........ 34
4-8-8-2 Cab Forward (Late model) ...... 34
4-8-8-4 Big Boy, .................... 33 Pilot, 27 Tender
Heister (2 & 3 truck) .................... BM 32, TM 21

DIESEL
Alco C424 ........................................ 31
Alco RS-2 ..................................... NO.5® 148
EMD BL-2 .................................. NO.5® or 148
EMD E-8 .......................... 27 Pilot, 24 Rear
EMD GP-18 .................................. 21
EMD SD-40 ........................... 153 or 148
Fairbanks Morse 'C' Liner ........................ 31 Pilot, 37 Rear
GEO modified 20 NEM 362 ................. 27 or 147
GE U25C ......................................... 38
GG1 ........................................ 37
Krauss/Maffei ................................ 37
Plymouth MDT Switcher .................... 27
Whitcomb Switcher ......................... 38

ROLLING STOCK
All Freight Cars - Talgo trucks .................. 37 TM
All Freight Cars/Bodv mount) ............... NO.5® or 148
Old Time Gondola .......................... NO.5® or 148
Old Time 4-Wheel Pass. Trucks ............ 508
4-Wheel Pass. Trucks ....................... 508
6-Wheel Pass. Trucks ....................... 505

Tavern Lounge or Observation ................... Dumm Cupl 38

2. Most late model RTR European Loco and Rolling stock come with "NEM" style couplers.
3. Kadee offers HO-Scale NEM-362 Couplers in four different lengths 18, 19 & 20
   mm. Kadee offers AMERICAN MODEL BUILDERS, INC.
   All Passenger Car Kits .................... NO.5® or 148
   All Passenger Car Kits .................... NO.5® or 148
   AMERICAN TRAIN & ACT - TRAFFIC
   DIESEL
   Alco 415 .................................. NO.5® or 148
   Box Car 46 High-Cube .................. 27 or 147
   Caboose ATSF type .................... 27 or 147
   Container Well Car ....................... 27 or 147
   Flat Car 27 or 147
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BACHMANN
All Rolling Stock ................................. NO.5® or 148

BACON
Models with factory installed knuckle couplers are not listed below see conversion info on the top page #1.

HOUSON
Models with factory installed knuckle couplers are not listed below see conversion info on the top page #1.
BACHMANN - Continued
Models with factory installed knuckle couplers are not listed below see conversion info on the top of page.
EMD F-45 .................................................... 37
EMD GP-18 .................................................. 28
EMD GP-20 .................................................. 27
EMD GP-50 .................................................. 37
EMD SD-40-2 .............................................. 27
GE E-60 Electric (Amtrak) .......................... 22
GE U-62-B .................................................... 22
Plymouth 35 Ton Switcher .......................... 37
ROLLING STOCK
All Freight Cars (Generic) ........................... 37 TM, NO.5® or 148
Box Car, 56 All Tender ............................... 38
All Caboose ................................. 37 TM or 45s
Crate Car (Unloading) ................................. 37 TM
Crate Car (Lifting) ................................. 27 TM
Budd 50 Coach ................................. 38 TM or 45s
Passenger Cars ................................. 37 TM or 45s

BACHMANN SILVER SERIES
Models with factory installed knuckle couplers are not listed below see conversion info on the top of page.
ROLLING STOCK
100 Ton Hopper ........................................ 37 NO.5® or 148

BACHMANN PLUS
Models with factory installed knuckle couplers are not listed below see conversion info on the top of page.
STEAM
4-6-0 Tank Switcher ................................. NO.5® or 148
4-6-0 Consolidation .............................. 36 Pilot, 36 Tender
2-10-0 Rocket D (Kadee) .......................... NO.5® or 148
4-6-0 Ten Wheeler ................................. 22 Pilot, NO.5® or 148
4-6-2 Pacific (w) ................................. 32 Pilot, NO.5® or 148
4-6-2 K4 Pacific ....................................... 32 Pilot, 37 Tender
4-6-2 Mountain ................................ 39 Pilot, 33 Tender
Shay-Three Truck ................................. NO.5® or 148

DIESEL
EMC Gas Elect Doodlebug ....................... 38, NO.5® or 148
For Small Radiator trucks ........................ 454 w/ 28
EMD DD40AX ....................................... 38
EMD F40PH ............................................. 27
EMD GE D-60 ........................................... 33
FM H-18-44 ............................................. 34
FM H-18-44 ............................................. 34
GE 44-A Atlantic ................................. 30 or 32 Tender
GE 70-Tonner ........................................ 21
GE 70 Ton Switcher .............................. 22
GE Dash 8-40CW Wide Cab ................... 37 (Front w/Plow)
GE Dash 8-40CW Wide Cab ................... 37 (Front w/Plow)

ROLLING STOCK
Observation Car ................................. 37 Front 27, Rear 27-5 Box
Passenger Cars (non own) ......................... 27
When running Bachman Spectrum Passenger Cars and tight radius track, Bachman recommends the 1996 Production Passenger cars.

SET
ACELA ...................................................... 118 on Flex Arm or 454 with 118

BALBOA / TRAINGRUMMERS (Brass)
See Manufacturers Instructions

BEAVER CREEK MODELS (Brass)
See Manufacturers Instructions

BOWSER
Models with factory installed knuckle couplers are not listed below see conversion info on the top of page.
STEAM
2-8-0 Consolidation ...................... NO.5® or 148
2-8-2 Mikado ................................. NO.5® or 148
2-10-0 Delaware ............................... NO.5® or 148
4-4-2 Atlantic ................................. NO.5® or 148
4-6-2 Pacific ....................................... NO.5® or 148
4-6-2 Modified ............................... NO.5® or 148
4-6-4 Challenger ......................... 36 Pilot, NO.5® or 148
T-7 Type Tender ............................... NO.5® or 148

DIESEL
FM H-18-44 Diesel .............................. (Bowser Box) 28
(In a Kadee Box) ................................. NO.5® or 148

ROLLING STOCK
All Rolling Stock ................................. NO.5® or 148

BRANCHLINE
Models with factory installed knuckle couplers are not listed below see conversion info on the top of page.
Passenger Cars (Con-Cor) ......................... 508
Other Rolling Stock ............................... NO.5® or 148

BRAVA
NOTE: Most late model RTR EuropeanLocos and Rolling Stock coupled with "NEM" style couplers. Kadee 
also offers HO Scale NEM-362 Couplers in four different lengths ................................. 17, 18, 19 & 20

BROADWAY LIMITED / PRECISION SCALE MODELS
Models with factory installed knuckle couplers are not listed below see conversion info on the top of page.
STEAM
SY 2-8-2 Mikado ............................... NO.5® or 148 Pilot, 17 Tender
USRA 2-8-2 Heavy Mikado ........ 33 Pilot, 23 Tender
4-8-8-4 Big Boy ............................... 178, 56 Tender

DIESEL
(not equipped with Kadee® Couplers) ................................. 148 or 158
All Freight Cars ........................................ NO.5® or 148
CASCADe MODELS
Wood Chip Car ................................. NO.5® or 148

Central Valley
All Freight Cars ........................................ NO.5® or 148

CHALLENGER IMPORTS (Brass)

CON-COR
All Rolling Stock ................................. NO.5® or 148

DIETZ
Wood Car .............................................. NO.5® or 148
All village Towns or Shops ........................ 27
All Rolling Stock ................................. NO.5® or 148

DIETZ (FA-1 (Brazil))

FRATESCHI (E.R. MODELS)

GLOBE MODELS

DIESEL
EMD F-7 A & B ........................................ 37 NO.5® or 148
Rolling Stock ................................. NO.5® or 148

GLOOR CRAFT MODELS
All Rolling Stock ................................. NO.5® or 148
GOULD CO.

GRAND LINE H03

ROLLING STOCK
For H03 Kits ........................................... 714
See Manufacturers Instructions

HERKIMER
All Passenger Cars ............................... 34

HOBBYTOWN

DIESEL
EMD 1600 HP RS/RRS ...................... 36 NO.5® or 148
EMD GP-9 and GP-30 (Airheads) ......... 36
Chassis GP-20 (TYCO) ............... 38 NO.5® or 148
Chassis GP-30-40, SD-45 .......... 38 NO.5® or 148
Gould Co. GE U26C ............... 36 NO.5® or 148

STEAM
0-4-0 Dockside ................................. 27
0-4-0 Switcher ................................. 34 Pilot, 34 Tender
0-8-0 Switcher ................................. NO.5® or 148
2-6-0 Mogul ................................. 38 Pilot, 38 or 28 Tender
2-6-4 Mogul ................................. 38 Pilot, 38 or 28 Tender
2-6-0 Camelback Mother Hubbar ............... 27
2-8-0 Consolidation ................. NO.5® or 148 or 148 Tender
2-8-2 Mikado ................................. NO.5® or 148 or 148 Tender
2-8-2 Mikado ................................. NO.5® or 148 or 148 Tender
4-6-2 Pacific (Brazil) ................. NO.5® or 148 or 148 Tender
4-6-2 Pacific (Brazil) ................. NO.5® or 148 or 148 Tender
4-6-2 Hudson ................................. NO.5® or 148 or 148 Tender
4-8-2 Mountain ................ 36 Pilot, NO.5® or 148 or 148 Tender

DIESEL
ACO C-601 ............................................. 33
ACO C-628 ............................................. 29 TM
EMD GP-9 and B Units ............... 26 Pilot, 25 Tender
EMD SD-35 ........................................... 23
EMD SD-40 ........................................... 22
GM-1 Electric ................................. 31 New 27 Old 23
MDT Switcher ........................................ 31
Center Cab Switcher ......................... 27

SETS
Thunder Bolt Set (Mehano) .............. SD40 Loco 22
Cars .................................................. 28

ROLLING STOCK
Crane Car and Boom Tender ........... 28 TM or 28 BM
Log Car (Buggly) ............................... 17, 18 & 19
Freight Cars ......................... NO.5® or 148
4-8-8-4 Mikado ......................... NO.5® or 148
(Old) New Time Freight Cars ....... NO.5® or 148
Heavyweight Pass Cars 6 wheel trucks ............ 505
Streamlined Pass Cars 4 wheel trucks ............ 505
Tavern Lounge or Observation ............ 508
Truck Mtr, as above ......................... Dummy Cubit End 38
Passenger Car Truck, 6 Wheel Diecast Metal .... 505

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MCS = Medium Centerset Shank (TM® | 5®, 28, 84, 118, 119, 148 or 148 Couplers) |
BM = Body Mounting, CM = Clip Mounting, SM = Screw Mounting, TM = Truck Mounting, ? = Not Verified/Converted by Kadee® | 032316

PAGE 2 OF 4
LIFE-LIKE® PROTO 2000™ SERIES - Continued

Models with factory installed knuckle couplers are not listed below see conversion info on the top of page 1.

LIFE-LIKE® PROTO 2000™ SERIES - HERITAGE

Models with factory installed knuckle couplers are not listed below see conversion info on the top of page 1.

LIFE-LIKE® PROTO 2000™ SERIES

Models with factory installed knuckle couplers are not listed below see conversion info on the top of page 1.

MARKLIN

Most Marklin Cars and Locomotives that have Non-Coupled Pots can easily be adapted to use Kadee®/Kato or Life-Like® HO-Scale NEM-362 Couplers in four different lengths.

MCS = Medium Centerset Shank (NO.5®,28,58,118,119,148 or 158 Couplers)
BM = Body Mounting, CM = Clip Mounting, SM = Screw Mounting, TM = Truck Mounting, ? = Not Verified/Converted by Kadee®
**MCS = Medium Centerset Shank (NO.5®, 28, 58, 118, 119, 148 or 158 Couplers)
BM = Body Mounting, CM = Clip Mounting, SM = Screw Mounting, TM = Truck Mounting, ? = Not Verified / Converted by Kadee ®**

**RIVAROSSI (Post 1993) - Continued**

Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.

**DIESEL**

ALCO C-420 ........................................ 38 MFG

ALCO C-630 "Century" .......................... 26 or 146

ALCO RS-3 .......................................... NO.5® or 148

Baldwin AS-16 ..................................... 22

Baldwin VO-1009 ................................ NO.5® or 148

EMD FT A & B (Pilot and Rear of B) .... NO.5® or 148 (Between A & B)

EMD F-3 A & B .................................... 450

EMD F-7 A & B .................................... 450

EMD F-7 A & B (new production) ....... 450

...35 Pilot, 5/58 Rear, close coupling 450

EMD F-9 A & B Units .................................................................

...35 Pilot, 5/58 Rear, close coupling 450

GE U25B .............................................. NO.5® or 148

**ROLLING STOCK**

Rolling Stock

See Manufacturers Instructions

**SUNSHINE MODELS**

All Rolling Stock Kits

See Manufacturers Instructions

**SUJAYHAM BRASS (JAPAN) Interurban**

Street Cars ........................................ 25 with 454

**SYLVAN**

All Rolling Stock (w/ Kaplan Trucks)........ NO.5® or 148

**THREE BROTHERS (HOGATE REYNOLDS)**

Passenger Cars .................................... NO.5® or 148

**TENSHODO (Brass)**

See Manufacturers Instructions

**TIFFY TRAIN GROUP**

All Rolling Stock

**TIGER VALLEY**

All Diesels

**TRAIN-MASTER**

All Rolling Stock

**TRAIN MINATURES**

Alco FA-1 ........................................... 36 Pilot, 38 Rear

Alco FB-1 ........................................... 38

**TRAIN STATION PRODUCTS**

Hi- Level Passenger Car ..................... NO.5® or 148

**TRU-SCALE**

All Rolling Stock

**TYCO**

**ROLLING STOCK**

Rolling Stock

Old ................................................. 9

New .................................................. 27 or 28

Streamlined Passenger Cars ............... 27 or 28

Old Time Passenger Cars .................. 9

U.S. HO TRAINS (Brass)

See Manufacturers Instructions

**VAN HOBBIES MODELS**

Canadian Models sold by PFM ........................................... NO.5® or 148

**VARNET**

Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.

**DIESEL**

EMD SW-1 Switcher .......................... NO.5® or 148

FM H 10/12-44 ................................... NO.5® or 148

Superliner Pass. Car ........................ NO.5® or 148

**ROLLING STOCK**

M.O.W. Ditch Dump Car (Metal Chassis) .... 28

Jordan Spreader .................................. Front 36, Rear NO.5® or 148

Other Rolling Stock ........................... NO.5® or 148

**PASSENGER CARS**

Amfleet Passenger Cars ...................... NO.5® or 148

Budd-Built Pass.Cars .......................... 26 or 146

Horizon Commuter Pass. Car .............. NO.5® or 148

Superliner Pass. Car ........................ NO.5® or 148

**WALTHERS TRAINLINE™**

Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.

**DIESEL**

Alco FA-1 and FB-1 .......................... NO.5® or 148

EMD F-40PH .................................... 28

EMD GP-9M ....................................... 28

GE Dash 8-40CW ............................... NO.5® or 148

**WALTHERS TRAINLINE™ SET**

Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.

**DIESEL**

EMD GP-9M ....................................... 28

**ROLLING STOCK**

Box Car ........................................... 29

Caboose, Extended Vision ................ 27

Flat Car ........................................... 26

Gondola ........................................... 38

Tank Car ........................................... 22

**WESTFELDER**

All Rolling Stock ................................ NO.5® or 148

See Manufacturers Instructions

**YANKEE CLIPPER MODELS**

All Rolling Stock Kits

**YE OLDE HUFF-N-PUFF**

All HO Rolling Stock Kits ........................ NO.5® or 148

All HO3 Rolling Stock Kits .............. NO.5® or 148