

## Tinplate Steam & Electric Locomotives Delivered with Protosound 2.0 - 5Volt Electronics

This document contains the MTH product number, road name, description & catalog the product first appeared in. Use this document to identify the correct PS 3/2 Stacker Board to replace the factory installed board.

Use the "find" (Ctrl + F) function in Adobe Acrobat to locate the product number of your product. If it appears on this list, then you will want to use the following MTH service parts to replace the factory installed electronics.



**AE10000355V**



**BF0000043**



**IC0000026**

**AE10000355V - PS 3/2 STACKER / O GAUGE / UNPROGRAMMED / HIROSE CONNECTORS / REPLACES ALL PS2-5V BOARDS**

When installing the PS 3/2 Stacker board you MUST replace the speaker with a new 4 Ohm Speaker

\*\* Be sure to use a 4 Ohm speaker that matches the size in your specific model.

**BF0000043 SPEAKER / 4 OHM 4W / 50mm DIAMETER x 18mm H / VECO 50AS04 OR XDEC 15ND18**

The factory installed heat sink will be difficult to reshape (to accommodate the Stacker board, so we also have a new "Stacker" specific heat sink that makes installation a breeze!

**IC0000026 HEAT SINK / PS 3 & PS 3/2 STACKER / ALUMINUM / KIT**

## Tinplate Products (Standard & O Gauge) Protosound 2.0 - 5Volt

To replace the factory Protosound 2.0 - 3 Volt board use part number AE10000355V-K (kit includes heat sink & new speaker)

<b>MTH Product #</b>	<b>Color</b>	<b>Product Name</b>	<b>Catalog</b>
10-1123-1	Black	#1134 Ives Steamer w/Proto-Sound 2.0	2000 Volume 1 - Premier
10-1091-1	Gray/Nickel Trim	392E Steam Engine w/Proto-Sound 2.0	1998 Volume 3 - S.P. Daylight
10-1092-1	Black/Brass Trim	392E Steam Engine w/Proto-Sound 2.0	1998 Volume 3 - S.P. Daylight
10-1112-1	Blue/Brass Trim	400E Tinplate Steam Engine w/Proto-Sound 2.0	1999 Volume 2 - Berkshire
10-1113-1	Crackle Black/Brass Trim	400E Tinplate Steam Engine w/Proto-Sound 2.0	1999 Volume 2 - Berkshire
10-1123-1	Black	#1134 Ives Steamer w/Proto-Sound 2.0	2000 Volume 1 - Premier
10-1131-1	Dark Green	408E Tinplate Electric Engine - Contemporary	2000 Volume 2 - Premier
10-1132-1	Two-Tone Brown	408E Tinplate Electric Engine - Contemporary	2000 Volume 2 - Premier
10-1139-1	Black	4694 Steam Engine - Contemporary	2000 Volume 3 - Premier
10-1143-1	Red	#1134 Ives Steamer w/Proto-Sound 2.0	2000 Volume 3 - Premier
10-1153-1	TT Blue w/Nickel Trim	400E Tinplate Steam Engine w/Proto-Sound 2.0	2001 Volume 1
10-1154-1	Gray w/Brass Trim	400E Tinplate Steam Engine w/Proto-Sound 2.0	2001 Volume 1
10-1155-1	White	Ives #3243R Locomotive w/Proto-Sound 2.0	set
10-1156-1	Orange	Ives #3243R Locomotive w/Proto-Sound 2.0	set
10-1165-1	Black With Nickel Trim	400E Tinplate Steam Engine w/Proto-Sound 2.0	2001 Volume 2
10-1166-1	Black With Brass Trim	400E Tinplate Steam Engine w/Proto-Sound 2.0	2001 Volume 2
10-1167-1	Apple Green	408E Tinplate Electric Engine - Contemporary	2001 Volume 3
10-1168-1	Mojave	408E Tinplate Electric Engine - Contemporary	2001 Volume 3
10-1169-1	Terra Cotta & Maroon w/Brass Trim	Ives 1764E Transition Electric Engine - Contemporary	2001 Volume 3
10-1171-1	Black Diamond	#1134 Ives Steamer w/Proto-Sound 2.0	2001 Volume 3
10-1179-1	Gray w/Brass	385E Steam Engine w/Proto-Sound 2.0	2001 Volume 3
10-1181-1	Dark Green	408E Tinplate Electric Engine - Contemporary	2002 Volume 1
10-1182-1	Southern	400E Tinplate Steam Engine w/Proto-Sound 2.0	2002 Volume 1
10-1183-1	Union Pacific	400E Tinplate Steam Engine w/Proto-Sound 2.0	2002 Volume 1
10-1184-1	Pennsylvania	400E Tinplate Steam Engine w/Proto-Sound 2.0	2002 Volume 1
10-1185-1	Southern Pacific	400E Tinplate Steam Engine w/Proto-Sound 2.0	2002 Volume 1
10-1187-1	Red	No. 10 Electric Locomotive - Contemporary	set
10-1188-1	Dark Green	No. 10 Electric Locomotive - Contemporary	set
10-1189-1	Orange	No. 10 Electric Locomotive - Contemporary	set
10-1190-1	Christmas	No. 10 Electric Locomotive - Contemporary	set
10-1191-1	Black	#1134 Ives Steamer w/Proto-Sound 2.0	2002 Volume 2
10-1192-1	Mountaineer	4637 Electric Locomotive - Contemporary	2002 Volume 2
10-1278-1	Black w/Brass	No. 390 Steam Engine - w/Proto-Sound 2.0	2007 Tinplate Volume 1
10-1279-1	Two-Tone Blue w/Brass	No. 390 Steam Engine - w/Proto-Sound 2.0	2007 Tinplate Volume 1

10-1296-1	Two-Tone State Green	No. 390 Steam Engine - w/Proto-Sound 2.0	2008 Volume 1
10-1297-1	Green w/Orange Stripe	No. 390 Steam Engine - w/Proto-Sound 2.0	2008 Volume 1
11-1005-1	Two-Tone State Green	No. 390 Steam Engine - w/Proto-Sound 2.0	2009 Lionel Tinplate Volume 1