



● Easy: 1-2 hours

# Athearn® Genesis® GP38-2

To add a SoundTraxx Tsunami2 Digital Sound Decoder to your non-sound GP38-2 model (announced in January 2012), you'll want to install a TSU-PNP EMD decoder.



Since 2009, Athearn has provided the option of purchasing some of their models equipped with Tsunami sound. If you have a GP38-2 model without sound that you would like to upgrade, purchase SoundTraxx P.N. 885013. This board is designed to simply replace the factory PCB that supplies power to the locomotive. **You can complete the installation in one to two hours with no modification required to the model!**



SoundTraxx Sound Decoder	TSU-PNP, P.N. 885013	\$109.95
SoundTraxx Speakers	16 x 35mm Oval Speaker, P.N. 810113	\$14.50
SoundTraxx Accessories	30-gauge Wire, Purple, P.N. 810144	\$4.95
Other Parts	1.00mm Sheet Styrene, Evergreen P.N. 9040	\$4.19
	2.50mm Strip Styrene, Evergreen P.N. 175	\$3.59
	<b>Total (MSRP)</b>	<b>\$137.18</b>

### Other Tools You Will Need

- 25-watt Soldering Iron
- Rosin Core Solder
- Wire Strippers
- Wire Cutters
- X-ACTO® Knife
- Metal Straight Edge
- Dial Calipers
- Pin Vise or Electric Drill
- #55 Miniature Drill Bit
- Miniature Screwdriver Set
- Aquarium Sealant/Silicone
- Liquid Plastic Cement (TENAX-7R™ or equivalent)
- Kapton Tape
- Small Pliers
- Miniature Saw for Plastics
- File for Plastics
- Masking Tape

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