

Procedure for Resetting Atlas and Atlas O Gold Series Sound-Equipped Locomotives Using the Magnetic Wand (Resets all DC and DCC parameters)

Atlas recommends resetting using the magnetic wand whether your locomotive is normally operated on DC or on DCC. Please note that it is **essential** to use conventional DC track power for this magnetic wand reset procedure to work properly.

Note: This procedure applies to all Atlas Gold Series locomotives, both HO and Two-Rail O-scale.

1. Turn off all track power to your layout.
2. Place your Atlas Gold Series sound-equipped locomotive on a section of track that is powered by conventional DC.
3. Identify the reed switch area on the top of the locomotive. The arrow in the photo of your Atlas Gold Series locomotive that appears on page three of the locomotive information sheet (packed with the locomotive) points to the location on the top of the locomotive under which the reed switch is located.
4. Place the Magnetic Wand over the reed switch area on the top of the locomotive **with the metal tip (the shiny silver part) of the wand at a right angle to the rails of the track and on or just above the top of the locomotive.** (Keeping the wand in the small plastic bag in which it was shipped prevents possible marring or scratching of the locomotive.)
5. While continuing to hold the magnetic wand just above the locomotive, **gradually apply conventional DC power** to your track until the track voltage increases from 0 to approximately 8 volts for HO scale **or** from 0 to approximately 10 volts for O scale and you hear the word “reset” spoken from the locomotive. If you don’t have a voltmeter, slowly increase the DC voltage from 0 until you hear the word “reset.”
6. Pull the Magnetic Wand straight up away from the locomotive immediately after you hear “reset” so that the Quantum manual volume adjustment procedure is not activated. Also turn down the track voltage to zero.
7. **Caution:** if you do NOT hear the word “reset” spoken, your locomotive has NOT been reset. In such case, you must repeat this entire procedure until you do hear “reset” spoken from the locomotive.
8. The sound decoder in your Atlas Gold Series sound-equipped locomotive has now been returned to its original factory-default (Analog **and** DCC) parameter value settings.

Note: This procedure works ONLY with those QSI-equipped locomotives that have a magnetic reed switch. Although all Gold Series Atlas HO and Atlas O 2-rail locomotives have the magnetic reed switch, some QSI-equipped locomotives from other manufacturers have a jumper wire instead of a reed switch. If your locomotive has a jumper wire to trigger reset, refer to the manual included with your locomotive for reset instructions.

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