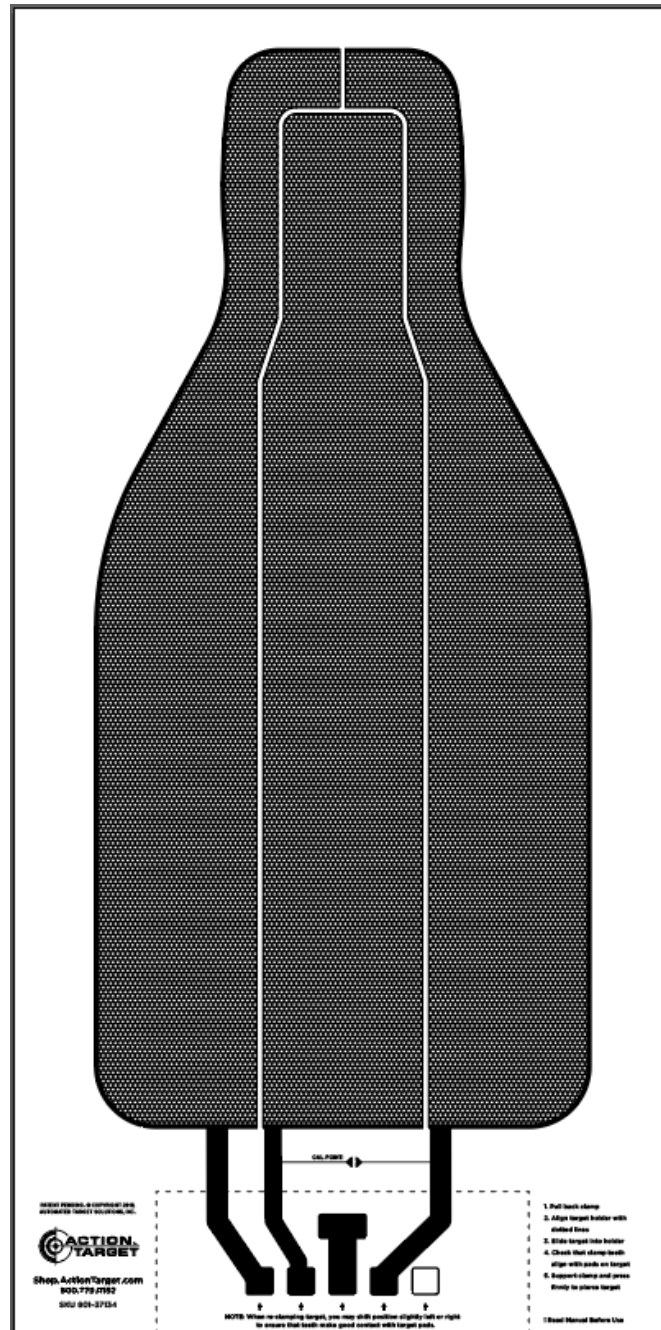


AutoTargets™

Hit-Sync™ Target Calibration Procedure



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Introduction

AutoTargets™ is pleased to announce our latest generation of Hit-Sync™ targets. These targets offer a lot of advantages over the previous generation targets, including a higher wind rating and resistance to rain and heat.

The new targets can be identified by the unique hex-pattern on the target face, in contrast with the older targets which are a solid gray color. It's important to know which target you are using, as that will determine how your Lift Unit needs to be calibrated. Please follow the instructions in this guide to calibrate your unit for the new generation targets.

Should you have any questions please feel free to contact AutoTargets™ technical support at support@autotargets.com or for urgent matters call us at **215.948.2422**.

Who should use this guide?

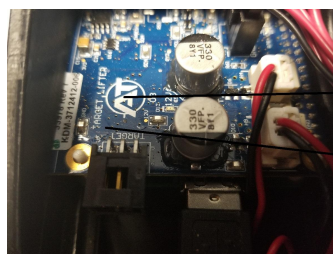
If you have an AutoTargets™ Lift Unit with a variant "A" board, you will need to make this adjustment in order to use the new style Hit-Sync™ targets. Use the following pictures to determine which variant board you have:



VARIANT "A"

Green board

Adjustment pot



VARIANT "B"

"AT" LOGO

BLUE BOARD

If you have a variant "B" board, the new settings will be applied automatically when you select your target in the AutoTargets™ app, and this procedure does not apply to you.

Making the adjustment

1. Insert Target Into Lift Unit

Support the back of the target holder and push firmly on the clamp until the teeth fully pierce the front layer.

The clamp will only penetrate about halfway through the target, this is normal.



2. Pierce the CAL POINT of the target with a bullet

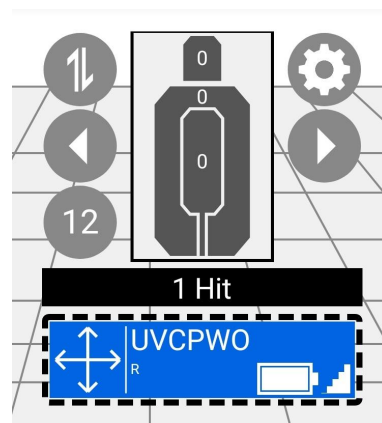
Use a pointed rifle round such as 5.56x45mm or 7.62x39mm.

Make sure the bullet is a conductive material such as copper or copper washed steel.

Make sure the bullet bridges the gap between the two pads, and that the bullet penetrates at least ¼" (6mm) into the target.



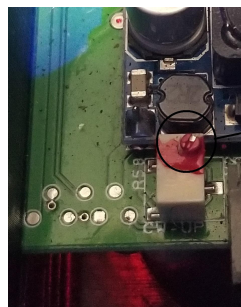
3. Connect to the lift unit in the AutoTargets app



4. Adjust sensitivity

Locate adjustment pot

Turn adjustment pot counter-clockwise with a small flathead screwdriver. **NOTE: the pot will turn for multiple revolutions, this is normal.**



ADJUST
HERE

Continue to turn pot until **ONLY** the center zone turns yellow.

If two zones turn yellow, you have gone too far. Turn the pot clockwise to correct.

	Legacy Hit-Sync	New Hit Sync
NOT SENSITIVE ENOUGH		
JUST RIGHT		
TOO SENSITIVE		

5. Remove bullet from CAL POINT

The unit is now ready to use.



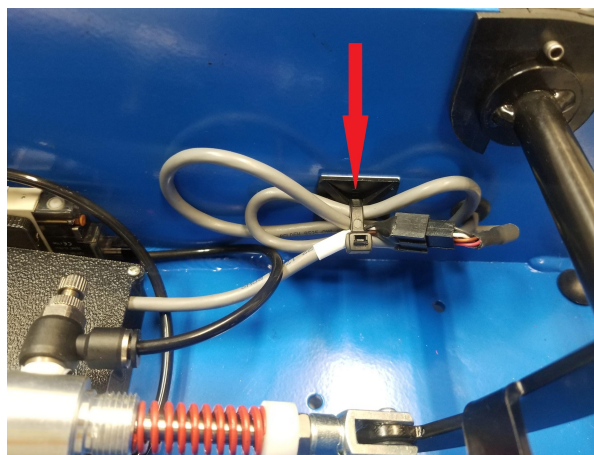
Can I still use my old targets?

After performing this calibration, you can use both the legacy Hit-Sync™ or the new Hit-Sync™ targets. However, when using the legacy targets, the bullet sensing will be extremely sensitive. In most conditions you will not notice a difference, but there is a higher probability of false hits due to factors such as rain water on the target. To restore your unit to factory calibration for use with legacy targets, simply turn the adjustment pot clockwise three (3) full turns.

Alternative Method: Plug-in Adapter

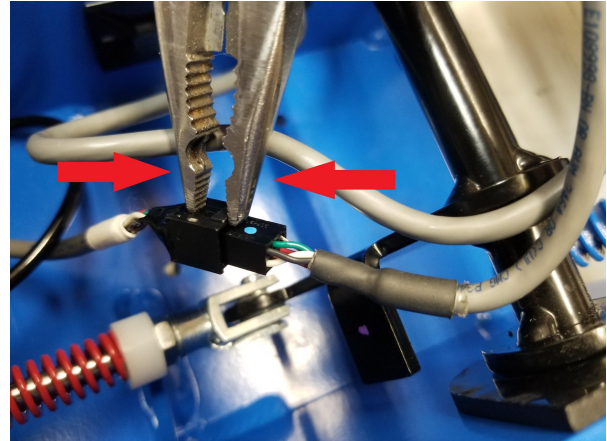
Some AutoTargets™ units do not allow easy access to the adjustment pot, such as the PoE (power over ethernet) variant of the Lift Unit. For these units, a plug-in adapter may be used to make the unit compatible with the new style Hit-Sync™ targets. Please follow these steps to install the adapter:

1. Cut cable tie



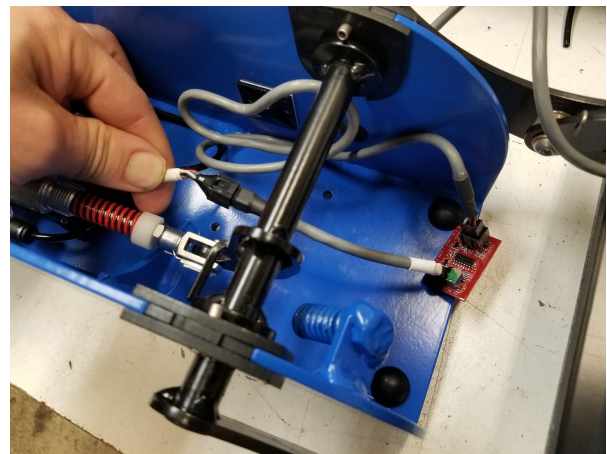
2. Unplug Target Cable

Carefully use needle-nose pliers as shown to separate the connectors. DO NOT pull on the wires.



3. Install the plug-in adapter

The adapter is plugged in-line with the standard target cable



4. Neatly Dress the Cables with the Provided Cable Tie

Ensure that the lift arm is able to fully extend and retract without snagging or getting caught on the cables.

