



NEW VINTAGE USA
DETROIT

**07-14 JEEP WRANGLER GAUGE OVERLAY
INSTALLATION GUIDE**



Your NVU gauge overlay is designed to replace your original cluster graphic overlay perfectly. This product is made using the same processes we use for OEM applications and has built-in light diffusion to light evenly and brighter than the original. In OE clusters with LED lighting, no lamp change is required.

Contents:

- 1 ea 07-14 JK gauge overlay
- 1 ea instruction sheet

Tools required:

- #2 Phillips Head Screwdriver, Small Standard Head Screwdriver, Driver for included T-8 and T-15 Torx bits, Pliers, 7mm Socket Driver

STEP 1. CHECK CALIBRATION

Start the vehicle and allow to warm up. Take a photo of the gauge cluster pointer positions. This will be where the pointers are installed later during final installation. Hint: Re-use the same pointers on the same gauge as often they will go back in the same position, just makes life easier. This pic will be used later to check for final calibration

Remove ground cable from battery, chock wheels,

Remove lower and upper covers to gain access to gauge cluster.

Lower trim pull down to remove



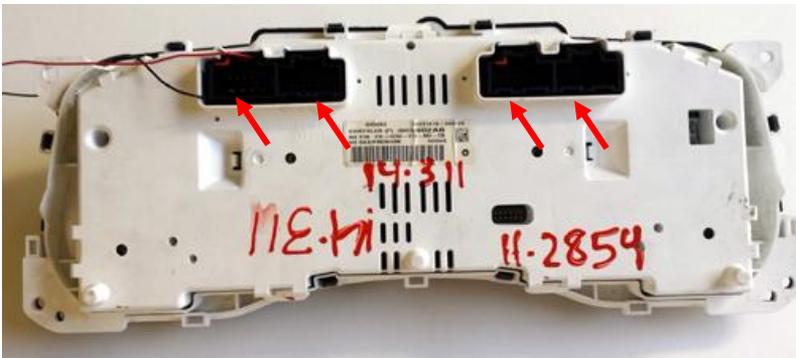
Remove the two bolts at the bottom of the cluster trim, lift off unit



Cluster is held in place by 4 bolts, remove and pull cluster out enough to unplug all of the harnesses



Press down on the tabs that secure the harnesses, remove plugs, there are four (4) of them.



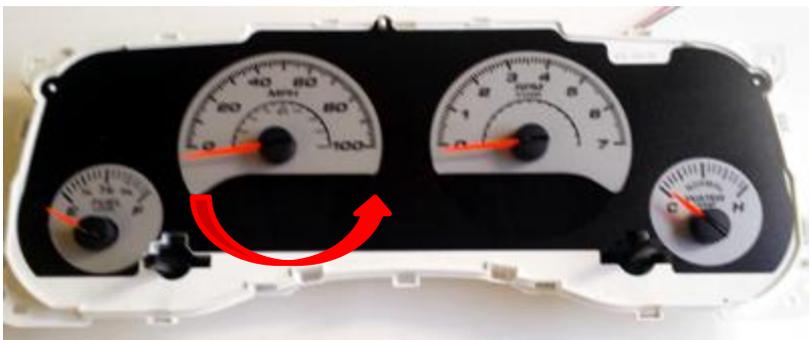
Place the cluster on a suitable work area, remove the rubber covers on the set buttons.



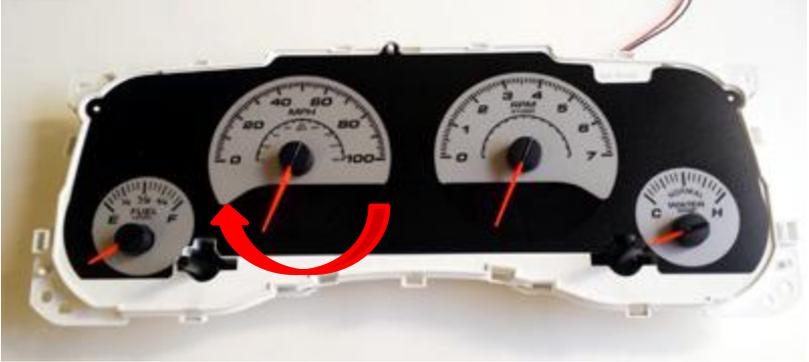
Unclip the eight (8) clips around the cover bezel and remove



Lightly rotate pointers counter-clockwise until they hit the internal stops. Note the position by taking a photo or marking with tape



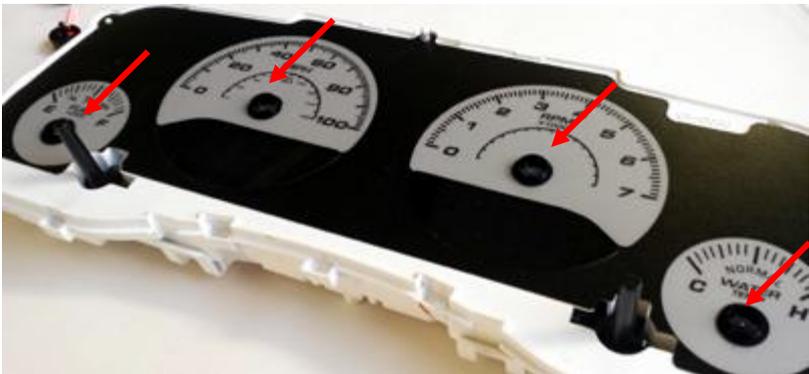
Lightly rotate pointers clockwise until they hit the internal stops. Note the position by taking a photo or marking with tape



Pull off pointers, you can use your hands, they come off easily. You can rotate against the stop until the pointer comes free and pull while rotating. Stubborn pointers can be removed by using 2 screwdrivers or similar flat items.



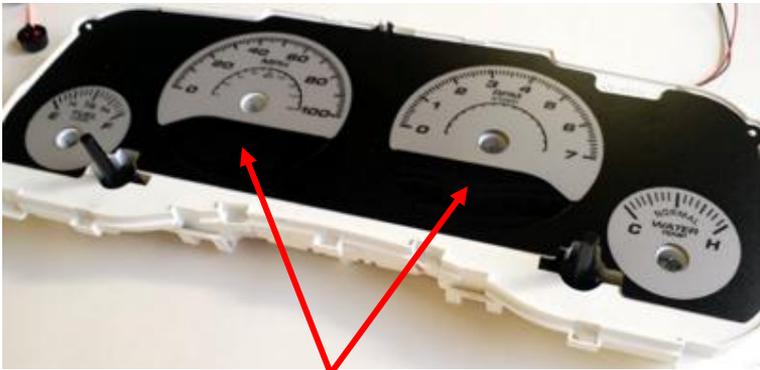
Remove the black plastic light blockers, just pry them off, retain for re-installation



Pull off original overlay

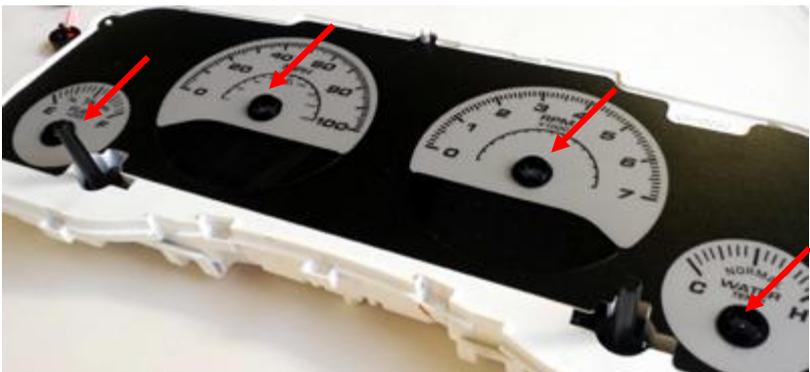


Install overlay, check for fit, install cover bezel to check alignment

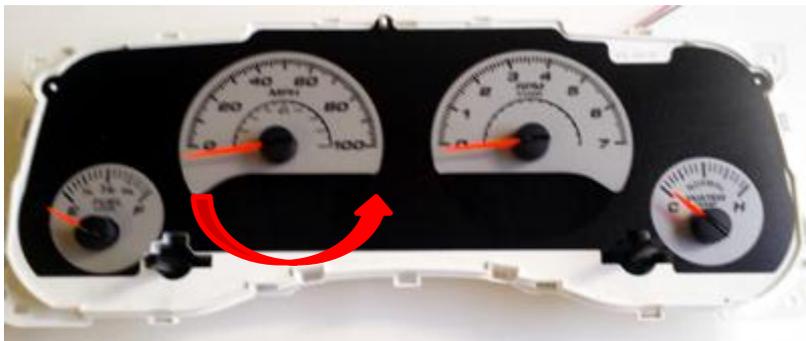


Remove protective film from odometer windows

Re-install black plastic light blockers (large on large gauge, small on small).

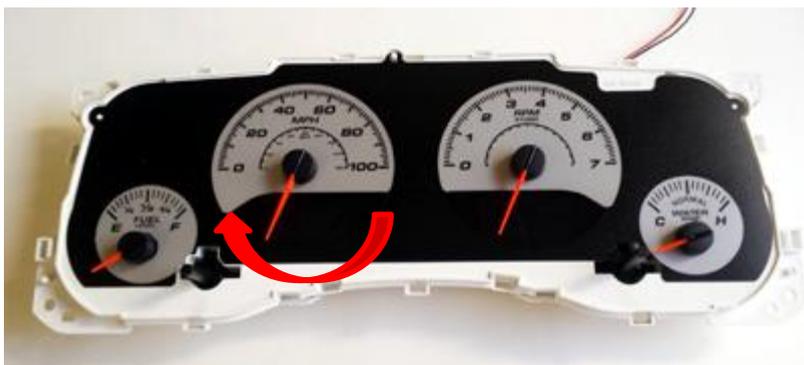


Re-install pointers. Rotate counter-clockwise against the stop and continue until the pointer is at the original position.



Lightly rotate pointers clockwise until they hit the internal stops. Note the position and it should be the same as before the pointers were removed. Adjust as necessary and press pointers down.

Check that the pointers rotate freely and are not in contact with the light blockers or dial face. Best to check with cover bezel installed so that the overlay is fully seated on the cluster



Install the cover bezel, clip the eight (8) clips back in



Install lens, button covers.

Installation is the reverse of removal. Plug in cluster, bolt in,. Start vehicle and warm up to check for calibration pic you took in step 1.

ENJOY!

Don't forget about matching gauges, toggle and rocker panels only from NVU!



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