

Installation Manual for your NWF BlackBox-i to NP205



First you need to prepare the NP205 for the BlackBox-i

Now would be an ideal time to fully rebuild the NP205, we started with a fully disassembled, clean and painted case. This is not entirely necessary. The Minimum disassembly that will need to be done is the rear output assembly must be removed as does the Input Shaft (And Bearing Retainer if this is a round pattern case). The short shift rail and shift fork must also be removed. Once this has been done we can move onto Installing the Titan Series BlackBox-i!

Installation of the Titan Series BlackBox-i

Step 1:

Install the supplied bearing into the input bore of the NP205.



Step 2:

Install the Base of the BlackBox-i with RTV on the Sealing Surface of the NP205 using the supplied Hardware (Note the location of the hardware used in the picture) This is showing the Fig.8 Style NP205. Round Pattern GM or Ford just uses Socket Cap Screws. Inside the BlackBox you will have two 3/8 x 1" cap screws at the 10 and 12 o'clock Positions with Nordlock Washers. The one Flat Head Socket Cap Screw goes into the only countersunk hole. The two 3/8 x 1" Socket Head Cap Screws go into the remainder holes on the inside of the BlackBox with Nordlock Washers. On the Outside of the BlackBox you will have three 3/8 x 1 1/2" Cap Screws with Lock Washers.



Step 3:

Apply a small amount of grease to the Shift Shaft and Detent Lobes. Install one 5/8" Nylon Flat Washer onto the Shift Shaft. Install Shift Shaft into shift location. When pushing through make sure not to invert the seal as this may wreck the seal and cause a leak. The Shifter Detent has already been tested and is install where it needs to be. When pushing the shift shaft through make sure to line up the detent plunger ball with a detent lobe and tap in with a small hammer. Once fully seated install another 5/8" Nylon Flat Washer to exposed shift shaft and retain it with the supplied snap ring.



Step 4:

Install the Supplied Shifter Fork and Range Slider as shown with the shifter shifted forward. There is not a lot of room inside so we put the fork and range slider together then put it in the BlackBox.

