



TRIAD

AVID B44.1 Triad Slipper Instructions

by **AVID**



INSTALLATION STEPS: AV1020-MOD / STK

- 1** Remove existing B44/B44.1 slipper assembly from chassis. Remember, we are only replacing the parts in between the plastic bearing holders (the drive plates, pads, and gear). Use all other parts the same as you would with the kit slipper clutch. For safety reasons, remove your pinion gear and make sure your car is OFF.
- 2** Un-screw the blue nut and release spring tension on the slipper. Unscrew the 2 x 0.050" set screws on the rear cup and remove the cross pin. Slide everything off of the shaft behind the front bearing holder. We recommend adding a few drops of blue thread lock to the nut threads now and let it dry while you build the assembly.
- 3** Install 1 axle shim and then black topshaft adapter as shown, large side facing the drive plate.
- 4** Install 1 drive plate, with locating cutout facing toward the front. This part will fit over the topshaft adapter to keep the plate centered.
- 5** Select the spur gear size for your application. 81 is recommended for B44.1. Stock Sets include a 72 and 76 while Mod sets include an 81 and 84 Triad spur gear.
- 6** Press 1 white slipper pad into each side of the spur gear. Note that the spur gear sides are labeled 1 and 2, with side 2 designating the taller outer side which uses 2 drive plates. Install the spur gear with pads onto the shaft with the tall side facing towards the rear drive cup.
- 7** On side 2 of the spur gear, add 1 drive plate followed by the 3rd white slipper pad. Install the drive plate as shown with the locating cutout facing to the rear.
- 8** Find the 2 flat washers and 1 cone washer. Install them onto the topshaft as shown (flat-cone-flat). These washers keep the drive place centered.
- 9** Install the final drive plate, locating cutout facing forward (towards the washers). Then add 2 axle shims before the final bearing holder. Finish the assembly per the manual and install into the car.
- 10** We recommend setting the B44.1 slipper on the track only, making sure there is slipping sound for 1 foot on launch from a standing start and also enough tension to allow you to make all necessary jumps. Re-install the pinion, set gear mesh, install your gear cover, and get your car ready to run.