



## WR35DC – REAR DIFFERENTIAL COOLER PICTORIAL INSTRUCTION GUIDE



WR35DC components laid out for inspection show the complete nature of the kit from the CNC precision manufactured cooler mount bracket through to the new under-tray diffuser vane to direct air over the cooler core when the vehicle is in motion. This is a complete kit capable of cooling the R35 GTR rear differential effectively in high demand conditions.



Replace the factory FILL and DRAIN differential plugs with the WR35DC pieces supplied. Each piece will be clearly identifiable as it mates up with the fluid feed lines.

The cooler mounting bracket can now be fixed to the rear crossmember through the existing holes, using the long bolts and locking nuts supplied in the WR35DF kit. Once this bracket is in place then the cooler core can be mounted in position with the supplied hardware.

Fitting the fluid transfer pump and the wiring of the pump is as per the WR35TC instruction guide. Download this if you require instruction in this area. The only wiring difference is a manual trigger switch (in a standalone WR35DC application) to trigger the cooling pump assembly.

Once the WR35DC system is fitted remove the fill plug once more and fill the differential with WR35DF GTR Differential fluid as per normal. Manually trigger the pump for 30 seconds before refilling the differential. This process should require 2 quarts of fluid.



Remove the factory metal air deflector from the carbon under-tray and replace with the WR35DC supplied item as pictured. To aid in retaining the factory jacking ball fit the WR35DC jacking adapter in place with the two longer bolts supplied.