

ARC - 9" DIFF CENTRE INSTRUCTIONS

FITMENT:

Disconnect tail shaft and remove axles

Fit centre to housing with new gasket – torque bolts to 45nm in an alternating pattern

Re install axles and torque retaining bolts to 45nm

Re install tail shaft

Fill diff to fill plug on centre – generally 3-4L

If supplied complete, all nuts/bolts should be rechecked before first drive

OILS:

Cast iron centres with clutch plate LSD – use 85-140 mineral gear oil – with LSD additive

Alloy centres with Torque Pro LSD – use 140 mineral gear oil – do not add additional LSD additives.

Recommend example oil is Penrite 140 Mineral Gear Oil .

RUNNING IN:

New gear sets require correct running in procedure otherwise incorrect lapping and/or bearing and gear damage may occur

Slight diff noise may be present during running in period

No towing, burnouts, high load or full throttle to be used during running in period

Heat cycle the diff 2-3 times by driving 25-30km at a time allowing the diff to completely cool in between runs – avoid speeds over 80km/h

For the next 300-400km drive without heavy loading and avoid cruising – vary speed and load as much as possible – avoid speeds over 100km/h

After run in is complete – change diff oil – small amount of metal shavings/clutch material may be present – this is normal

Once run in is complete, all nuts/bolts should be re torqued – including axle retainers/brake components

WARRANTY:

All of our diff centres come with a 12 month limited warranty from date of purchase with proof of purchase

Some noise may be present after run in – this is a normal characteristic of performance oriented aftermarket gear sets. All care is taken during setup to minimise this.

No warranty will be offered on diff components used in track/racing/drag/competition applications, incorrectly installed/used parts or on centres not correctly run in

Professional installation recommended