

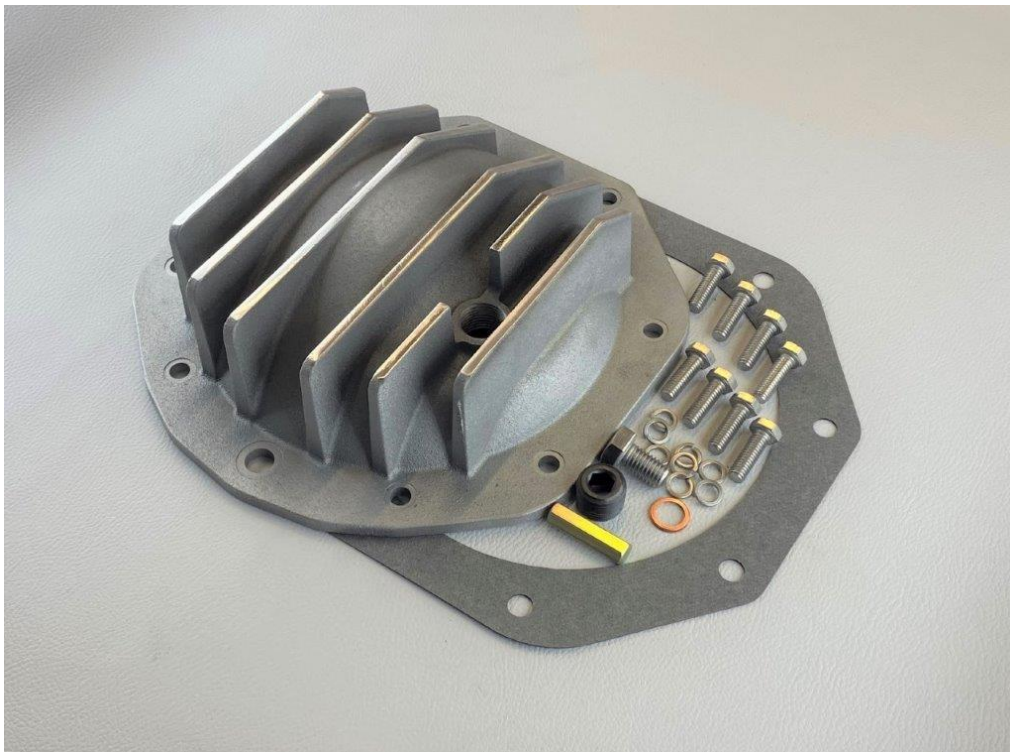
MORGAN ALLOY DIFF COVER

FOR BTR AXLES

FITTING INSTRUCTIONS

Safe workshop practice must be followed at all times

- Prior to fitting:
- The car should be on a smooth hard level surface, with front wheels chocked.
- Jack up the car by placing a trolley jack under the diff housing. Support the car with axle stands under the round part of the axle tubes.
- Now jack up the front of the car and support with axle stands under the chassis.
(This is done to make the diff oil change easier)



Get a receptacle ready to catch the diff oil.

Remove the lower larger bolt, this is the drain plug.

Remove the old steel cover.

Clean the axle face and check the bolt holes.

This is a chance to thoroughly empty the axle case of old oil.

Trial fit the cover; it may be obstructed by the wood platform of the fuel tank. If so then cut back the wood opposite the diff cover to the edge of the tank. Another trial fit to check.

Prepare the diff cover gasket, use a sealing compound.....Welseal is recommended.

Place gasket onto the axle case, aligning the holes.

Now put the cover on and all the smaller bolts that are needed, check brake pipe holder is in position, and screw in until resistance is felt.

Now tighten them in turn 22 to 25 lbs ft torque.

Now place the larger M12 set screw with copper washer into the lower central hole, tighten 30 lbs ft.

Refill the axle case / diff with correct grade and correct quantity of oil. It will help if the oil filler has a 90 degree angle pipe at the end.

Put taper plug into oil filler hole, use hex bar and tighten, 20 to 25 lbs ft.