



The installation procedure presented here applies to all NEKARTH differentials used in over-the-road vehicles.

All NEKARTH PRODUCTS are shipped from the factory completely assembled and ready for installation by replacing the conventional differential and case assembly.

NEKARTH differentials are easily installed in the field. However, it is recommended that a certified driveline mechanic do the work in that tools of the trade are required.

The product is designed to fit the components in the vehicle. No machining is required. The procedure is the same as it is for installing a conventional or clutch-type differential.

Three to four hours of labor are required, depending on the application.



CAUTION:

IT IS RECOMMENDED THAT SAFETY GLASSES BE WORN WHEN INSTALLING THE PRODUCT.

BEFORE YOU START BE SURE THAT YOU HAVE READ AND UNDERSTAND ALL INSTRUCTIONS AND STEPS. PLEASE PLACE YOUR VEHICLE IN A SAFETY AREA WITHOUT A RISK TO FALL UNDER YOU DURING THE PROCEDURES.

FOLLOW CAREFULLY ALL STEPS, IF YOU MISS ANY PART OR IS NOT SURE ABOUT THE APPLICATION OR HOW TO DO PLEASE CONTACT US OR YOUR LOCAL DEALERS.



STEP ONE

Read and follow the vehicle/axle manufacturer's instructions for removing the differential assembly from the axle:



01 Remove axle screws and bolts;



02 Pulling out and disconnect axles;



03 Remove case cover;



04 Realse screws and take off the original differential;



05 Pull out the original differential crown;



06 Remove the differentials bearings;

STEP TWO

Over a cleaned work table place carefully the original differential and start the step.



07 Preserving or replacing bearings/shims. Move then to NEKARTH;



08 Move and Install the original crown at the NEKARTH;



09 You don't need to remove the PINION from his place.



10 Install the NEKARTH and adjust the distance from CROWN to PINION;



11 Place the NEKARTH at the case and fix the screws and bolts;



12 Replace the case cover; Replace the oil following the manufacturer recommendation for oil and quaitty.