1. Remove gearbox from car/truck.
2. Split gearbox open and remove differential.
3. Disassemble differential.
4. Clean, inspect and replace worn parts.
5. Remove diff balls from diff gear and clean.
6. Grease holes in new diff gear using the same technique as for the old gear.
7. Insert diff balls into the new diff gear.
8. Slide one of the bearings over the male diff half.
9. Remove inner bearing from the female half of the differential and replace with the one supplied. SEE TRIMMING DETAILS ON REVERSE SIDE. NOTE: THE BLACK FEMALE DIFF GEARS ARE TRIMMED FROM THE FACTORY.
10. Slide differential gear down over bearing on the male half of the differential.
11. Reassemble complete differential.
12. Reassemble gearbox and install in car/truck.

TEAM LOSI PERFORMANCE

A-3020
BEARING DIFFERENTIAL GEAR KIT

The gearbox is often considered the heart of an R/C car. It is responsible for transferring the power from the motor to the ground as efficiently as possible. In order to further increase the efficiency of our gearbox, we have developed this new bearing differential kit. In this kit is a new center diff gear and two custom made bearings. The two keys to gearbox efficiency is low friction and accurate gear alignment. The bearings greatly reduce the friction between the diff gear and the male half of the differential. Use of bearings improves the alignment of the gear train. These improvements will provide the car/truck with more power, quieter running and less wear.

NOTE: These instructions are written with the assumption that the owner/racer has a thorough knowledge of the construction of the car/truck.

TEAM LOSI INC.
13848 MAGNOLIA AVE.
CHINO, CA. 91710
800-0022 (REV A)

SPECIAL TRIMMING DIRECTIONS

USE A TRIMMING TOOL TO CUT A BEVEL ON THE EDGE OF THE FEMALE DIFF HALF THAT WILL CLEAR THE OUTER RACE OF THE BEARING. A .06 X .06 CHAMFER SHOULD BE SUFFICIENT. THIS WILL ASSURE CLEARANCE FOR THE BEARING.