

CARBONETIC Final Gear Set for Honda B-series

AR7A16-10(B16A / EG6,EK4), AR7A16-11(B16B,B18C / EK9,DC2)

Warning

Installment has to be performed by an experienced mechanic in a properly equipped garage after he/she understands the product well.

If the product is dropped, damaged, or rusted, please stop using this product. Continuation of the usage might result in an accident or serious malfunction.

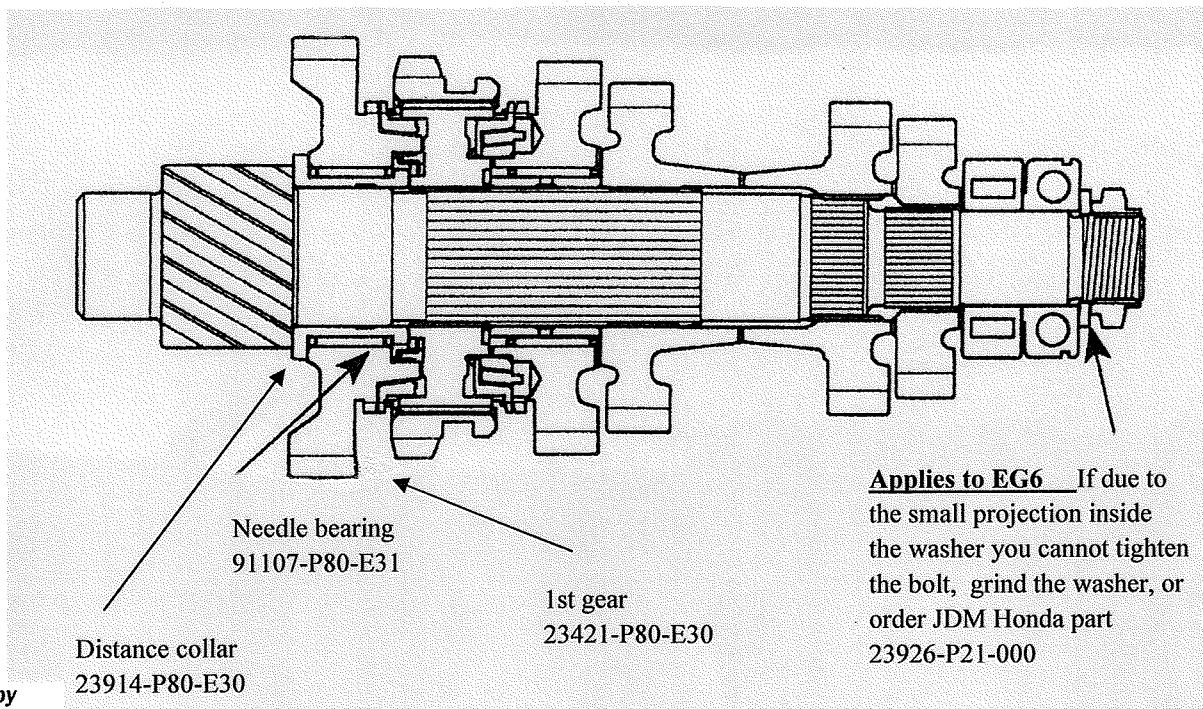
Warranty

This is a product designed for racing use. As such, if the installment is impossible due to the broken or damaged parts, the new parts will be supplied. After the installment and the first use, there will not be any warranty.

Attention

CARBONETIC ring gear and counter shaft have to be used as a set. Do not combine with other company's ring gear or counter shaft. This product is designed for a specific transmission. CARBONETIC will not be responsible for any mismatch with other transmission not specified.

Gear ratio 4.929 Shorten the gear ratio about 10.7 % from stock 4.40



Final gear damage prevention

In order to minimize the chance of final gear failure, please pay the attention to the following points.

- 1 While installing an LSD, apply a certain preload so that the LSD does not move in the same direction as the drive shaft extends. Free play results in an insufficient engagement of the gear teeth, causing a possible failure.
- 2 In order to avoid mission oil starvation on the teeth of the final gear, pay attention to the mission oil temperature change due to the internal slippages of LSD plates. Use both a reliable LSD with a high locking rate and a reputable LSD oil. Also set the appropriate initial torque to avoid the slippage.
- 3 Drive as smoothly as possible, i.e. heel & toe, to avoid excessive strain on the drive train.
- 4 When going over the race track curbs, try to minimize the impact by taking an appropriate lane as much as possible.