

# Fitting Instructions BHR83-series

# WHITELINE

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*Flat out*

Code: Z376

## Application:

Rear swaybar with heavy duty chassis mount kit to suit:  
Honda Civic EJ-EK 1996-2000 - suits all models  
Always refer to current catalogue for complete application listing.

## Specifications:

BHR83 - 18mm full kit swaybar  
BHR83Z - 20mm full kit Blade adjustable swaybar  
BHR83XZ - 22mm full kit Blade adjustable swaybar

## Contents:

1 x swaybar  
1 x heavy duty chassis mounting bracket  
2 x swaybar mount 'D'-bushes  
2 x swaybar links (with bushes and crush tubes)  
4 x M8 x 50mm high tensile bolts  
4 x M10 x 35mm high tensile bolts  
4 x M10 x 60mm high tensile bolts  
2 x M10 x 120mm high tensile bolts  
4 x M8 nyloc nuts  
8 x M10 nyloc nuts  
4 x M8 flat washers  
10 x M10 flat washers (small)  
4 x M10 flat washers (large)  
2 x chassis reinforcement plates  
2 x spacer tubes  
1 x grease bag

## Fitting Instructions:

Please read complete fitting instructions and check kit components prior to fitment. Whiteline recommends that all work be carried out by a qualified technician. Installation of this product must be done with the vehicle both raised and at normal ride height on a drive-on hoist/lift or ramps.

1. With the car at normal ride height, remove original rear swaybar (on models equipped with original swaybar) and all associated mounting hardware including links and brackets.
2. Raise the car off the ground, and support on hoist/lift or chassis stands.
3. Remove lower control arm inner bolts, and discard.
4. Position new bracket onto the chassis, and loosely secure it through the existing holes in the chassis using M8 bolts and washers from the rear and reinforcement plates and M8 lock nuts inside the chassis.

*Note: Cars equipped with original swaybars have captive nuts attached to the inside of the chassis. M8 nuts and reinforcement plates are not required.*

5. Place spacer tubes between the bracket and the chassis, and insert new M10 x 120mm bolts through lower control arm inner pivot.
6. Firmly tension all mounting bolts, but do not fully tighten.
7. Lower the vehicle to normal ride height. Installation must be continued with the vehicle at normal ride height.
8. Tighten chassis bracket mounting hardware. Torque M10x120 bolts to 50Nm and M8 bolts to 20Nm.
9. Apply grease to the inside of poly D-bushes and fit onto the swaybar.
10. Position swaybar in place and attach using new mounting brackets, M10x35 bolts, M10 washers (small) and M10 nuts. Torque M10x35 bolts to 40Nm.
11. Using M10x60 bolts, M10 washers and M10 nuts, attach new endlinks to the swaybar and control arm. Torque to 40Nm. Refer to figure 1 for swaybar adjustment guide.
12. Recheck tension on all nuts and bolts.

**Important: To prevent component and chassis failure, check & re-tension all fittings again after 100km's but no more than 200km's.**

For noise and friction free operation, carry out periodic inspections and maintain proper bush lubrication.

**To maintain component and chassis integrity, carry out periodic inspections of all hardware and re-tension all fittings to the specified torque settings. Any loose connections may result in component or chassis failure.**

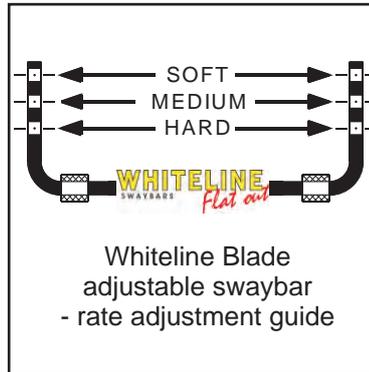


Figure 1. Rate adjustment guide.

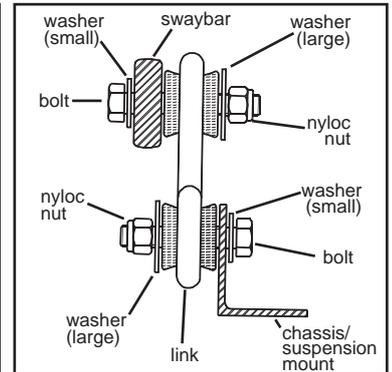


Figure 2. Link assembly guide.



Photo 1. Chassis bracket.



Photo 2. Swaybar mounting.



Photo 3. Link assembly - front view.



Photo 4. BHR83XZ complete assembly - side view.



Photo 5. BHR83XZ complete assembly - rear view.

**Warning: Please drive carefully while you accustom yourself to the changed vehicle behaviour.**