

# Fitting Instructions BNR16-series

# WHITELINE

**A U T O M O T I V E**  
 PO Box 5666, Minto, NSW, 2566 Australia  
 Ph: 61 2 9603 0111 Fax: 61 2 9820 2500  
 E-mail: admin@whiteline.com.au  
 A.B.N. 68 073 002 034

*Flat out*

**Code: Z375**

## Application:

Rear swaybar kit to suit:  
Nissan Tiida (Versa) 2006-on

*Always refer to current catalogue for complete application listing.*

## Specifications:

BNR16 - 20mm full kit swaybar  
 BNR16Z - 20mm full kit Blade adjustable swaybar

## Contents:

- 1 x swaybar
- 2 x axle mounting plates
- 2 x swaybar mount 'D'-bushes
- 2 x D-bush mounting brackets
- 2 x swaybar links (with bushes and crush tubes)
- 2 x swaybar link bushes-w/o dimple
- 2 x swaybar link bushes-with dimple
- 2 x M10 x 50mm high tensile bolts
- 2 x 95 x 130mm U-bolts
- 4 x 3/8 flange nuts
- 4 x M10 nyloc nuts
- 4 x M10 standard nuts
- 4 x M10 saucer washers
- 2 x 3/8 flat washers (small)
- 2 x 3/8 flat washers (large)
- 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 at normal ride height. Drive-on ramps can be used to enable better access to the undercarriage.

1. Assemble endlinks by winding on 2 standard M10 nuts on each endlink thread, followed by 1 saucer washer (facing the nut) and 1 endlink round bush w/o dimple, as shown in figure 1 and photo 1.
2. Position the endlink through a hole in the trailing arm inside the spring, refer to photo 1, and fit the remaining bushes with dimple and saucer washer (facing away from the bush) and loosely tighten using M10 nyloc nuts.
3. Place U-bolts over the axle equally spaced, as shown in photos 2 and 3.
4. Apply grease to the inside of poly D-bushes and fit onto the swaybar.
5. Fit axle mounting plates onto the U-bolts, position swaybar in place, and attach using new mounting brackets, and 3/8 flange nuts, as seen in photos 4 and 5.
6. Using M10x60 bolts, 3/8 washers and M10 nyloc nuts, connect the swaybar to the endlinks. Refer to figure 2 and photo 5.

**Note:** For adjustable swaybars, refer to figure 1 for swaybar adjustment guide.

7. Tighten all nuts and bolts.

**Caution:** Do not over tighten sway bar link bushes. Nuts should be tightened until washer meets the bush & stops rotating. Then tighten a further 2/3 of a turn. Over tightening compresses and pre-loads the polyurethane bush which reduces the flexibility and may cause failure.

**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.

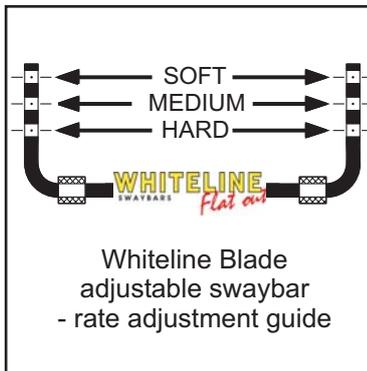


Figure 1. Rate adjustment guide.

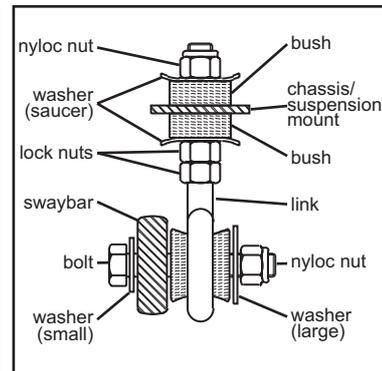


Figure 2. Link assembly guide.



Photo 1. Link assembly.



Photo 2. U-bolt location.



Photo 3. Link assembly and U-bolt - bottom view.



Photo 4. Axle mount assembly.



Photo 5. Link and axle assembly.



Photo 6. BNR16Z complete assembly - bottom/rear view.

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