

# Fitting Instructions BMR82, BMR82Z

# WHITELINE

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*Flat out*

Code: Z341

## Application:

Replacement rear swaybar kit to suit:  
Mazda 6 MPS (all wheel drive turbo), 9/05-on.  
*Always refer to current catalogue for complete application listing.*

## Specifications:

BMR82 - 24mm, non-adjustable swaybar  
BMR82Z- 24mm, 2-hole adjustable swaybar.

## Contents:

- 1 x swaybar
- 2 x swaybar mounting bushes (D-bushes)
- 2 x bush saddles
- 2 x nuts, flange
- 1 x U-bolt
- 1 x bracket, ride height sensor mount
- 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 raised on a hoist or with the vehicle supported on safety stands to enable better access to the undercarriage.

1. Prior to removing OEM swaybar, with vehicle at normal ride height, check and mark alignment of ride height sensor arm on sensor, this will allow you to re-align the sensor arm to original positioning once the Whiteline swaybar is installed.
2. Disconnect ride height sensor pivot arm from the swaybar ride height sensor mounting bracket, as shown in photo 1. Remove OEM swaybar ride height sensor mounting bracket from swaybar.
3. Disconnect electrical connector from ride height sensor and remove from the cross-member mounting.
4. Disconnect OEM swaybar from D-bushes and end-links to allow removal from vehicle.
5. Disconnect the tailshaft from the pinion flange of the rear differential, remove bush and mounting bracket from the front of the rear differential housing to allow front of diff to be moved in order to allow the swaybar to be maneuvered out towards the front of vehicle.
6. Remove the OEM swaybar from the vehicle. Fit the Whiteline swaybar.
7. Apply grease to the inside of poly D-bushes, fit onto swaybar and secure swaybar to chassis using supplied saddles.
8. Connect the swaybar to the end-links. For adjustable type swaybars, refer to figure 1 for swaybar adjustment guide.
9. Re-connenct all components removed in steps 3 & 5. Lower vehicle to normal ride height as in step 1. Tighten all nuts and bolts.
10. Fit bracket, U-bolt and nuts supplied, to swaybar in place of OEM ride height sensor mounting bracket as shown in Photo 2. Re-connenct sensor pivot arm, adjust bracket to re-align markings made in step 1 and secure mounting nuts .
11. 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.

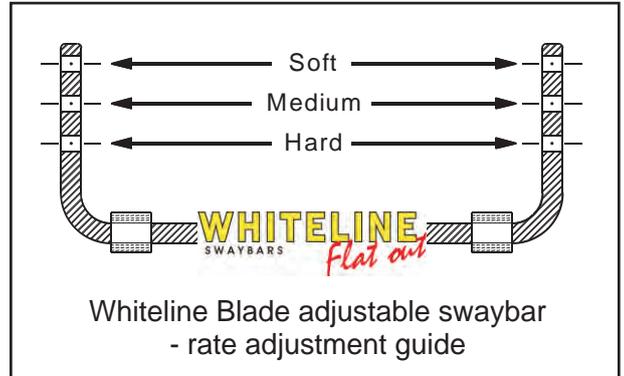


Figure 1.



Photo 1.  
OEM Swaybar ride height sensor mounting bracket



Photo 2.  
Whiteline Swaybar ride height sensor mounting bracket

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