

## Rear Strut Tower Brace (Made by DMS) - '84-'89 300ZX



Code: **DRZ31-STB**

Price: **\$139.95**

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Improves handling and steering response. Manufactured by DMS.

Strut braces serve to improve the handling of your vehicle by stiffening the chassis and helping to maintain the suspension geometry.

All DMS braces are constructed with 1.00" x 0.120" wall 1020 DOM steel tubing and two CNC machined 0.50" rod ends.

Fits neatly under the parcel shelf and allows the use of factory speakers and covers. Fits 2-seater and 2+2.

### Parts List:

#### 1. **cross bar assembly**

- ? 1 left hand rod end
- ? 1 left hand jamb nut
- ? 1 right hand rod end
- ? 1 right hand jamb nut

#### 2. **end brackets**

- ? 'P' = passenger side
- ? 'DR' = Driver's side

#### 3. **hardware**

- ? 2 cap screws
- ? 2 lock washers
- ? 2 nuts

### Tools Required:

- ? 14 mm wrench
- ? flex head ratchet and 14 mm socket (optional)
- ? no. 2 Phillips screwdriver
- ? utility knife
- ? 1.5" hole saw and drill (optional)
- ? 3/4" wrench
- ? tape measure and pencil



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#### Installation Instructions:

(Please read carefully before beginning installation)

1. Open hatch and remove rear cargo cover and parcel shelf if vehicle is so equipped.
2. Remove rear speaker covers by pushing forward and up on the rear of the cover until it pops up, then pull the cover back to remove.
3. Remove the three speaker retaining screws from each speaker and remove speakers.
4. Using a 14 mm wrench (or optional ratchet and socket) remove the inboard rear and forward nuts from the shock absorber mounting insulator.
5. Locate the position of the holes to be cut. Measure back 5" from the front inside corner of the interior trim along the top edge and then down 2.5". This is the center point of the hole. Using a utility knife (or hole saw), carefully cut the interior trim to accommodate the brackets:

NOTE: These dimensions will vary somewhat with each vehicle and should only be used as a guideline. DMS tuning and Courtesy Nissan will not be held accountable for any damage to or resulting from the use of its rear brace or for any holes cut in incorrect locations. Please take extreme care when making the cuts to ensure a good fit. These plastic panels cut very easily!

6. Locate the bracket marked 'P' and insert it through the speaker opening on the passenger side and guide the bracket over the two studs of the shock absorber mounting insulator. Re-install and tighten the nuts. Repeat this procedure with the bracket marked 'DR' on the driver side.
7. Re-install the speakers and covers.
8. Standing at the rear of the car, position the cross bar with the left hand thread to your left. Place the rod end in position between the bracket and insert a cap screw. Put the lock washer and nut on loosely. Repeat for the passenger side and then tighten the nuts and cap screws.
9. Grasp the cross bar and rotate until it tightens slightly. Lock the bar into position with the jamb nuts.
10. Re-install the parcel shelf and rear cargo cover



