

Technical Bulletin

Model
All

Group
4

Subject: Brake Vibration Damper Application

Part Identifier
4745

Number
9204

ATTENTION: Service Manager/Service Technician

This bulletin supersedes Technical Bulletin Group 4, Number 9108, Book H, pages 121-123.

Models Affected:

968 from Model Year '92 (N)
944 S2, 944 turbo from Model Year '88 (J)
911 Carrera 2 and 911 Carrera 4
from Model Year '89 (K)
911 turbo from Model Year '91 (M)
928 S4, 928 GT from Model Year '88 (J)
928 GTS

Concern:

Application of vibration dampers and damping plates.

Vehicle Information:

A new version damping plate with steel clip (formally plastic clip) is installed on 911 Carrera 2/4 rear axle from production date: April 2, 1991.

VIN: 96 _ MS 41 1418 Coupe
96 _ MS 44 0719 Targa
96 _ MS 46 2026 Cabriolet

928 S4/GT rear axle from production date: April 12, 1991.

VIN: 92 _ MS 81 0362

Use only new version damping plates when replacing damping plates on 911 C2/4 all Model Years and 928 S4/GT from Model Year '88 (J).

Refer to application chart for part numbers.

Carrera 2 Only

Rear brake calipers with shorter pistons were installed during production from VIN:

96 _ LS 45 1922 up to 96 _ LS 45 2002 Coupe
96 _ LS 46 0623 up to 96 _ LS 46 0662 Targa
96 _ LS 47 1544 up to 96 _ LS 47 1780 Cabriolet

When repairing cars for brake noise from rear brakes within the above VIN range, measure vibration damper length (see Figure 1). If old version 24mm long is installed, replace with new version 23mm long, Part Number 964 352 963 01. (Part Number 964 352 963 00 - 24mm long is no longer available.)

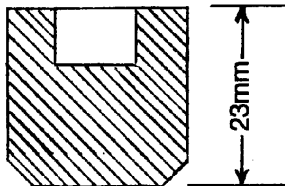


Figure 1

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General Information:

1. Customer complaints of objectionable brake noise on certain vehicles require that the technician first inspect the vehicle for the existence of vibration dampers and damping plates.
2. When reinstalling /replacing brake pads, damping plates with adhesive surface must be replaced.

Do not reuse damping plates with adhesive surface.

3. When removing brake pads, use a small spatula to separate damping plates from brake pads. Do not damage caliper piston dust caps.

Very Important:

Clean seating and guide surface of brake caliper with mineral spirits before installing vibration dampers and pads. Lubricants or grease must not be used in conjunction with vibration dampers. A light coat of sliding lubricant (Optimoly HT Part Number 000 043 004 00) may be applied on the guide surface of the pad carrier plate (Figure 2).

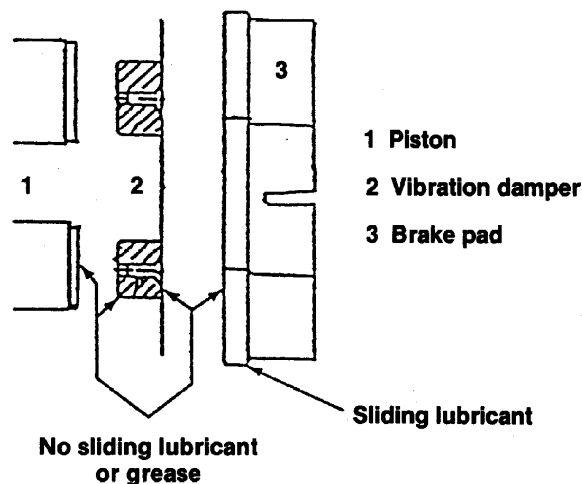


Figure 2



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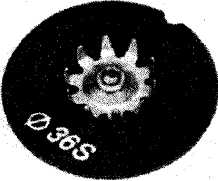


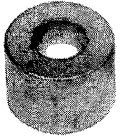
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Vibration damper and damping plate application chart

Front Axle	928 S4/GT	928 GTS	911 C2/C4	911 turbo	944 S2	944 turbo	968
 <p>Ø 36 928 351 096 19 Ø 36 964 351 096 01 Ø 40 951 351 096 00 Ø 40 964 351 096 00 Ø 44 928 351 096 17 Ø 44 928 351 096 15 Ø 44 965 351 096 00</p> <p>Damping Plate</p>	<p>88-89¹ 89 →³</p>	<p>92 →</p>	<p>89 →⁴ 89 →⁴</p>	<p>91 → 91 →</p>	<p>← 2/89² 2/89 → ← 2/89² 2/89 →</p>		<p>92 → 92 →</p>
 <p>Vibration Damper 951 351 089 00 951 351 089 03</p>	<p>88-89^{1,10} 89 →^{3,10}</p>				<p>90 →⁵</p>	<p>88-89¹ 89 →⁶</p>	<p>92 →⁵</p>
Rear Axle							
 <p>Ø 28 928 352 096 11 Ø 28 964 352 096 01 Ø 30 928 352 096 10 Ø 30 964 352 096 00 Ø 34 965 352 096 01</p> <p>Damping Plate</p>	<p>88-89¹ 89 →³</p>	<p>92 →</p>	<p>89 →⁴</p>	<p>91 → 91 →</p>	<p>89 → 89 →</p>	<p>88-89¹ 89 →⁷ 88-89¹ 89 →⁷</p>	<p>92 → 92 →</p>
 <p>Vibration Damper 964 352 963 01</p>			<p>90-91</p>				

PORSCHE CARS NORTH AMERICA INC.



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Note: Ø = brake caliper piston diameter

- 1 Brake caliper with scraper rings
- 2 Brake caliper with scraper rings up to VIN: 94 _ KN451880
- 3 Brake caliper with dust caps from VIN 92 _ KS860282
- 4 911 Carrera 2 from M.Y. 90
- 5 944 S2, 968 with sport suspension (M030)
- 6 944 turbo and 944 turbo S: brake caliper with dust caps
- 7 Brake caliper with dust caps from VIN: 95 _ KN150216
- 8 911 Carrera 4 only
- 9 911 Carrera 2 only
- 10 Install only on cars with brake noise

Install adhesive tape PNA 999 005 between vibration dampers and brake pads.

Clean vibration damper backing plate. Apply adhesive tape to backing plate and cut to size. Peel off protective paper after installing vibration damper in caliper.

For additional information, refer to Technical Bulletins, Book E, Group 4, Number 8810 and Book F, Group 4, Number 8907.

Warranty Information (if applicable)

Damage Code	(with Parts)	Damage Code	(w/o Parts)
4636 20 0002	Front Pads	4636 20 0001	Front Pads
4638 20 0002	Rear Pads	4638 20 0001	Rear Pads

Labor Operations	TU	
R & R Front Brake Pads 4636 2003	80	944 /S /S2 /turbo,968, 911C2 /C4 /t
4636 2000	70	928 /S /S4 /GT /GTS
R & R Rear Brake Pads 4638 2000	70	928 /S /S4 /GT /GTS
4638 2003	80	968, 944 /S /S2 /t, 911C2 /C4 /t

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