



Brake Dynamometer Test Report

Customer Test Report #

Link Test Report #: CAMRY FRONT 231110

Test Description: camry front SAE J2521

Customer Reference: 1

Program #

Platform: camry front

Lining Material: P63-N5

Test Date: 11/10/23

Requested By:

Zhongshan Safety Auto Parts Co.,Ltd.
Li dongwei

Tested By:

Testing Coordination and Facility
Link Transportation Testing Technology (Shanghai) Co., Ltd
Building No.2, 778 Zhao Xian Road, Jiading District, Shanghai
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Test Req #	CAMRY FRONT 231110
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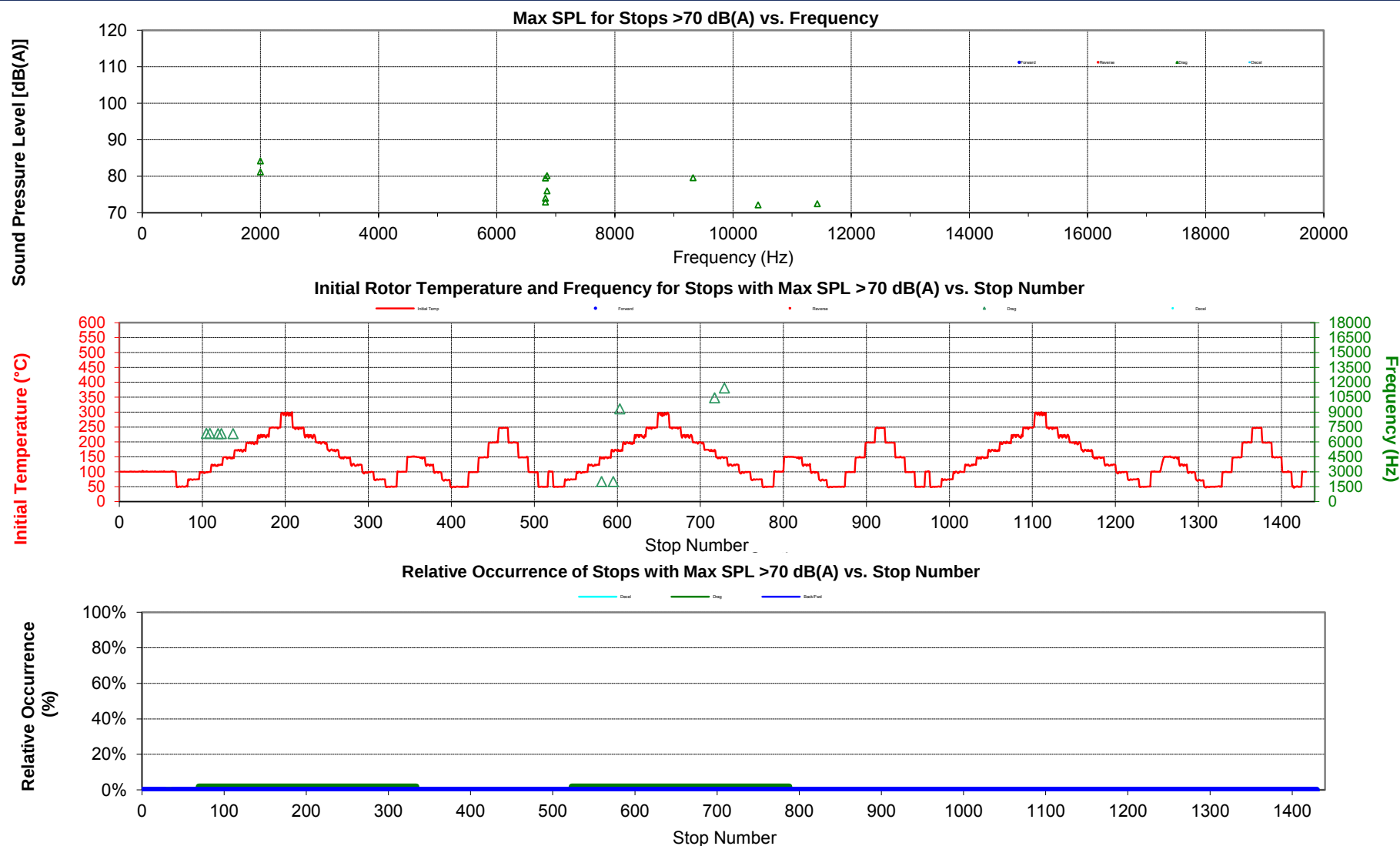
Test Description SAE J2521 TEST FOR CAMRY FRONT

Test Information	
Test Requestor:	
Requested By:	
Test Procedure:	SAE J2521
Control Program:	
Dynamometer:	3360
Fixture ID:	
Test Coordinator:	
Test Technician:	
Date Started:	11/10/23
Date Completed:	11/11/23
Datalog Version:	3.11

Dynamometer Information	
Rolling Radius:	328.0 mm
GVWR:	
LLVW:	
Actual Wheel Load:	
Actual Inertia at GVWR:	74.5 Kg·m ²
Gross Axle Wt:	
Piston Diameter:	63.5 mm
Effective Radius:	128.0 mm
Number of Pistons:	1

Brake Information	
Brake Name/Type:	camry front
Brake Size:	
Rotor/Drum ID:	
Pri/Lead/Inner Lining:	P63-N5
Sec/Trail/Outer Lining:	P63-N5
Drum/Rotor Type:	STANDARD
Brake Orientation:	Left

Signature:	Title:	Date:
	Test Coordinator	November 11, 2023

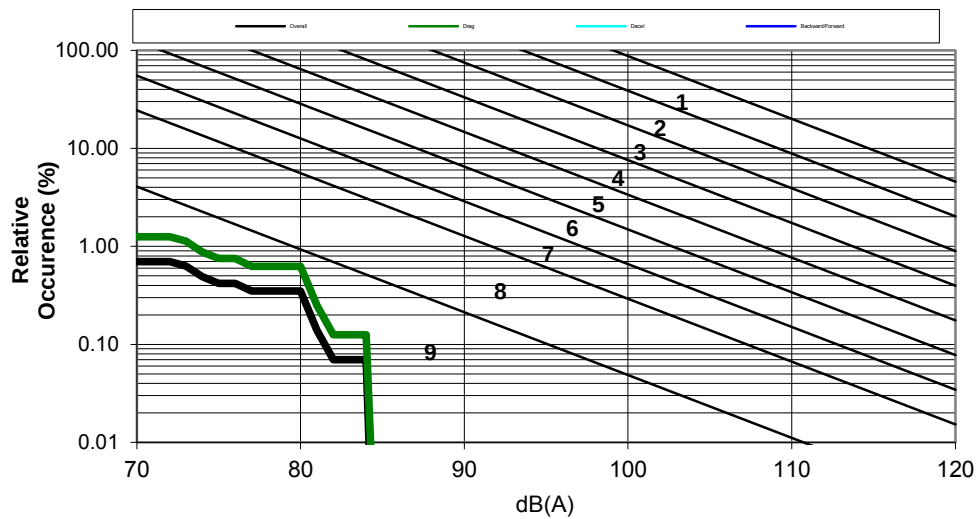


Test Description:

camry front SAE J2521

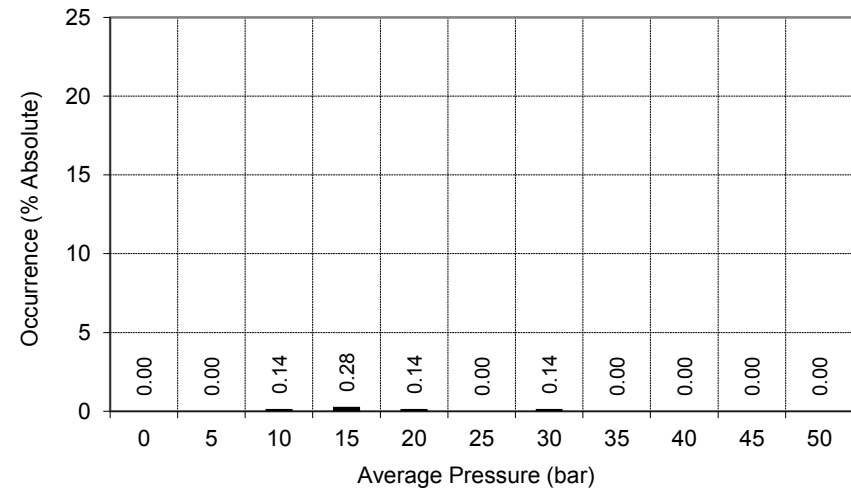
Cummulative Percentage of Noisy Stops

Noise Index = 9.2

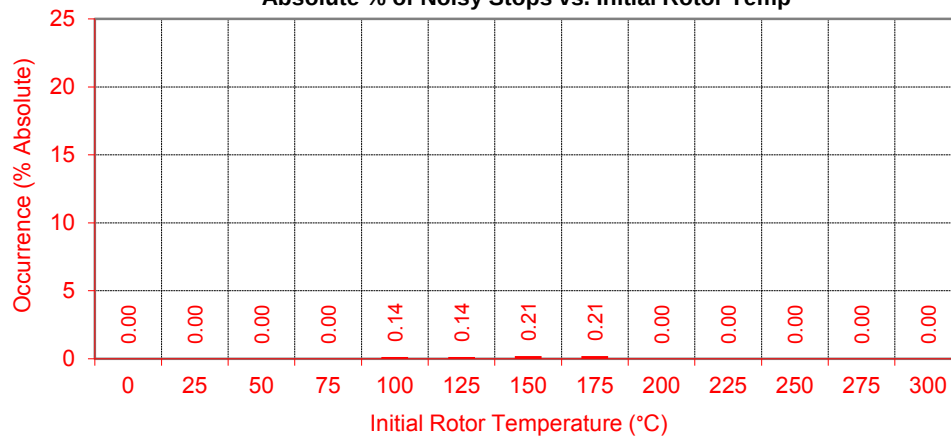


*Noisy Stops defined as those with Max SPL>70dB(A)

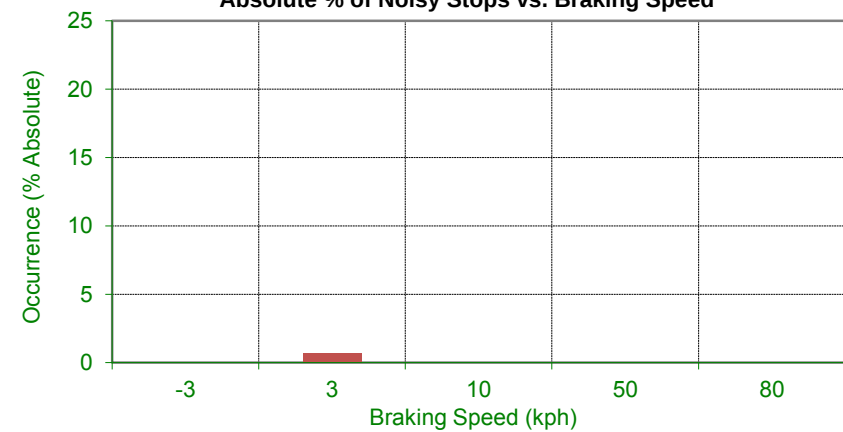
Absolute % of Noisy Stops vs. Average Pressure



Absolute % of Noisy Stops vs. Initial Rotor Temp



Absolute % of Noisy Stops vs. Braking Speed



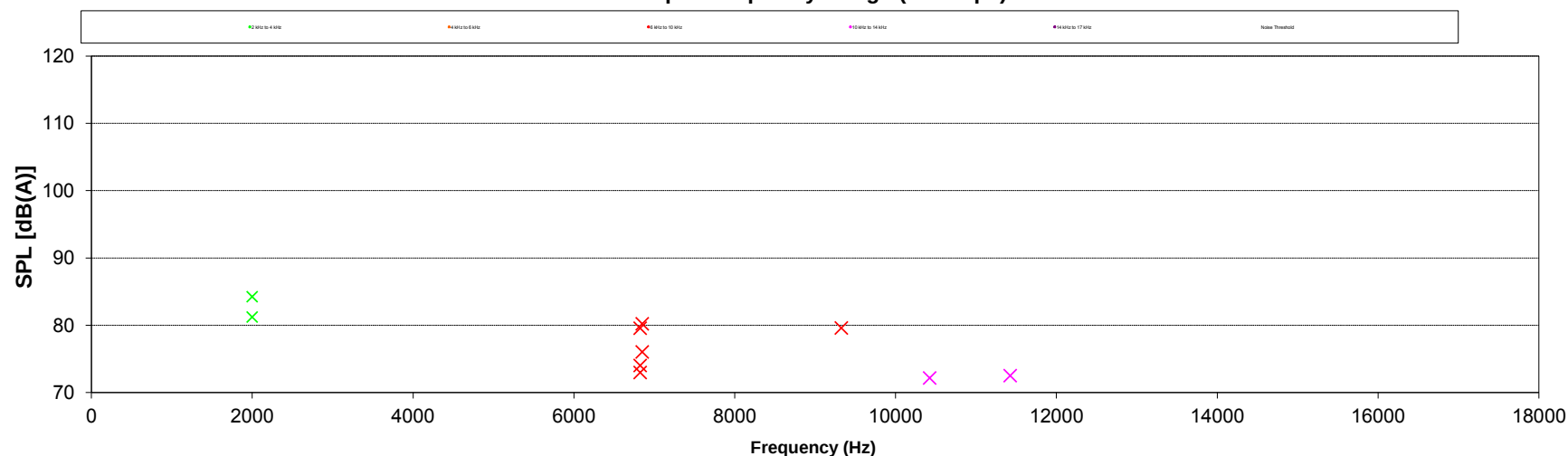
Test Description:

camry front SAE J2521



Frequency Range	Threshold	Number of Noisy Stops (per frequency range / apply type)				Percentage (%) Noisy Stops (per frequency range / apply type)			
		Overall	Drag	Decel	Back/Fwd	Overall	Drag	Decel	Back/Fwd
2 kHz to 17 kHz	>70 dB(A)	10	10	0	0	0.7%	1.3%	0.0%	0.0%
	>80 dB(A)	3	3	0	0	0.2%	0.4%	0.0%	0.0%
	>90 dB(A)	0	0	0	0	0.0%	0.0%	0.0%	0.0%
	>95 dB(A)	0	0	0	0	0.0%	0.0%	0.0%	0.0%
	>100 dB(A)	0	0	0	0	0.0%	0.0%	0.0%	0.0%
2 kHz to 4 kHz	>70 dB(A)	2	2	0	0	0.1%	0.3%	0.0%	0.0%
	>80 dB(A)	2	2	0	0	0.1%	0.3%	0.0%	0.0%
4 kHz to 6 kHz	>70 dB(A)	0	0	0	0	0.0%	0.0%	0.0%	0.0%
	>80 dB(A)	0	0	0	0	0.0%	0.0%	0.0%	0.0%
6 kHz to 10 kHz	>70 dB(A)	6	6	0	0	0.4%	0.8%	0.0%	0.0%
	>80 dB(A)	1	1	0	0	0.1%	0.1%	0.0%	0.0%
10 kHz to 14 kHz	>70 dB(A)	2	2	0	0	0.1%	0.3%	0.0%	0.0%
	>80 dB(A)	0	0	0	0	0.0%	0.0%	0.0%	0.0%
14 kHz to 17 kHz	>70 dB(A)	0	0	0	0	0.0%	0.0%	0.0%	0.0%
	>80 dB(A)	0	0	0	0	0.0%	0.0%	0.0%	0.0%
Total # of Stops						1430	798	482	150

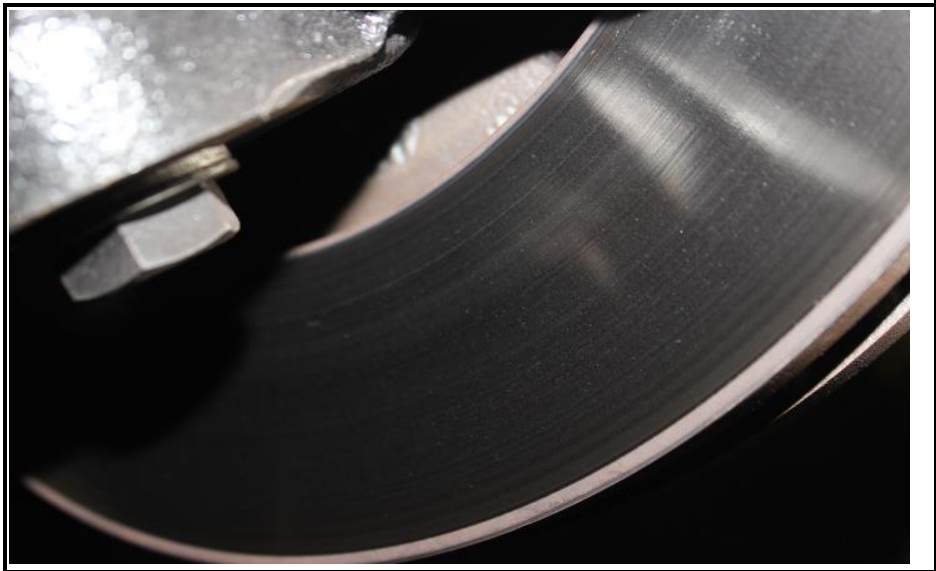
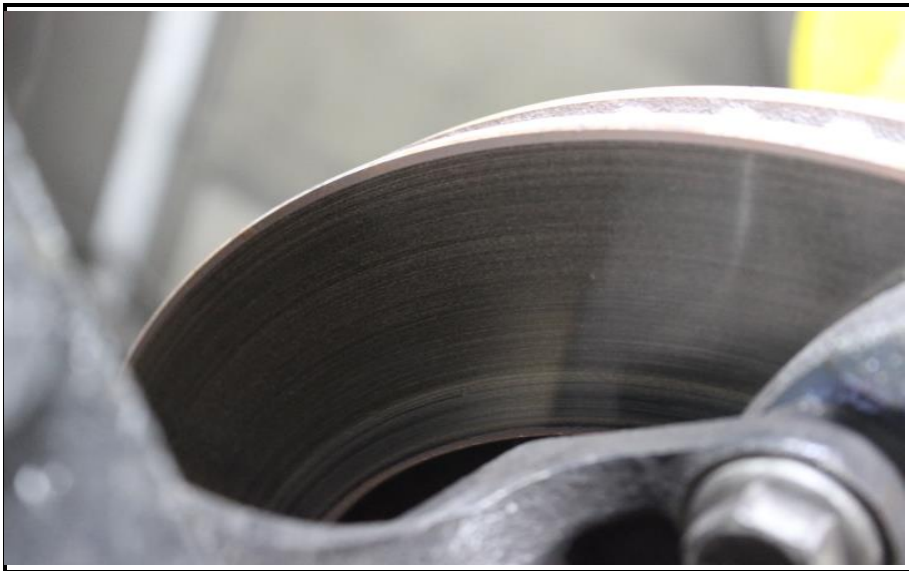
Max SPL per Frequency Range (All stops)



Test Description:

camry front SAE J2521

Before test



After test

