

	IMP-PM 10.0 Vehicle Stance Searches	
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	<i>Revision #: 1</i>	<i>Issued Date: 04/09/2018</i>
	<i>Document Manager: Cheryl Lozen</i>	<i>Approved By: Jeffrey Nye</i>

10.0 Vehicle Stance Searches

10.1 Information on Vehicle Stance Databases

Measurements of the distance between two tire tracks left by a vehicle can yield possible makes and models of vehicles that fit within the range of those measurements.

Currently there are no vehicle stance databases that are under the control of the Michigan State Police Forensic Science Division.

There are online databases available for searching both wheelbase and tire track width measurements (the information has not been specifically verified by the MSP FSD).

The links to the online databases may be provided to an agency, or a search may be performed for an agency.

The agency must be notified when they are given the link that the information has not been scientifically verified by MSP and should only be used as an investigative tool.

If an examiner produces a report using information from an online database, the report must state that the information has not been scientifically verified by the MSP and should only be used as an investigative tool.

10.2 Online Vehicle Stance Databases

1. The Canadian Association of Technical Accident Investigators and Reconstructionists (CATAIR) database www.catair.net/vehicle.specs.online.php

2. The Canadian Vehicle Specifications (CVS) consists of a database of original vehicle dimensions, used primarily in collision investigation and reconstruction, combined with a search engine.

This database is available at the Canadian Association of Road Safety Professionals website (CARSP) www.carsp.ca for downloading as the archive file: <http://www.carsp.ca/research/resources/safety-sources/canadian-vehicle-specifications/>

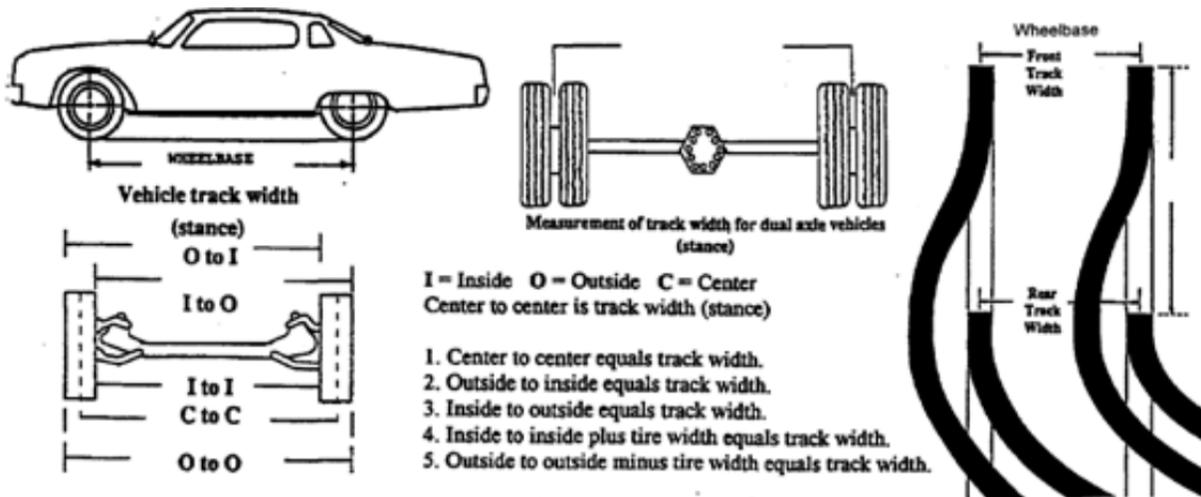
To install the program, unzip the files contained in the archive to any folder, then run the program `winspecs.exe`.

A help file, providing information on program installation and use, plus contact information for reporting bugs and obtaining technical support, is included in the distribution. To receive notifications when updated versions of the CVS are released, contact Jean Louis Comeau, P. Eng. Chief of Collision Investigation and Research at Transport Canada by email at jl.comeau@tc.gc.ca. to be added to his e-mail list.

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10.3 Vehicle Stance Measurements

The below diagram details the measurement that can be used for a search:



10.4 References

Nause, L.A.; The Science of Tire Impression Identification RCMP Gazette (Canada) 1987, 49 (1), 1-25

Bodziak, W. J.; Tire Tread and Tire Track Evidence Recovery and Forensic Examination CRC Press: Boca Raton 2008

Bicigo, D.P.; "Vehicle Stance Databases" poster presentation at the NIJ Impression and Pattern Evidence Symposium: Clearwater Florida, 2010