

MMSC has received no customer complaints related to the bilingual labels.

NHTSA has reviewed the petitioner's arguments. The air bag warning labels are the agency's primary method for obtaining the owner's attention and conveying important safety information. The agency believes that these air bag warning labels are necessary to make owners aware of the safest way to use their air bag equipped vehicles. In NHTSA's occupant crash protection rule published on May 12, 2000 (65 FR 30680), the agency stated " * * * as with the current labels, manufacturers may provide translations of the required English language message as long as all the requirements for the English label are met, *including size*" (65 FR 30722) (emphasis added). Thus, the agency reconfirmed the importance of the message area requirement in the advanced air bag final rule.

The intent of FMVSS No. 208 is that the warning or alert message fill the message area (*see* 61 FR 60206 at 60210 (November 27, 1996)). Not filling the message area would make purposeless the specification. The label on the dashboard has a message area that is 37 percent below the required 30 cm². The air bag alert label on the sun visor has a message area that is 40 percent below the required 20 cm². These are significant reductions in message area.

Having reductions of this magnitude is equivalent to not filling the message area. The agency has provided figures in FMVSS No. 208 that show the message text covers the majority of the message area.

MMSC hypothesized that there is enhanced label perception by the consumer because the size of the bilingual label is larger than the English-only label. The bilingual label is addressed in the **Federal Register** notice quoted above. In addition, the message area requirements in FMVSS No. 208 enhance the effectiveness of labels by not only impacting the label size, but also the appearance of the text message. If the agency were only concerned with the size of the label, we would have limited our requirement to label size.

Second, it states that the bilingual label will reach a larger audience. This is not relevant to the message area requirement. The label can still be bilingual but the minimum English message area is specified in the regulatory text. Had the Agency required a bilingual label, it would have been logical to specify the same 30 cm² message area for both languages.

Third, it states the font size, font color, and letter spacing remains the same as the English-only complying

version. The font size and letter spacing are not covered by regulation and thus are not relevant to the message area requirement. The black font color is required, but it is not relevant to the message area requirement. NHTSA intended the message area to be filled. Therefore, the font and spacing should be chosen with that as a consideration along with owner ease of use.

Fourth, it states that the labels meet all other label requirements. This is not relevant to the message area requirement.

Fifth, it believes dash labels have already been removed. Again this is not relevant to the message area requirement.

Finally, it states it has received no customer complaints. NHTSA is not surprised that there are no customer complaints since the labels do not affect the operation of the vehicle.

The sun visor alert label is a permanent label that will still be on the vehicles when they enter the used vehicle market. New owners, as well as the current owners, should be afforded the opportunity to have the air bag warning labels in the minimum format specified by FMVSS No. 208, which was deemed to be the most effective through focus group testing.

The label on the dashboard, although temporary on a new vehicle, is important to NHTSA. Since all the labels had insufficient message area, a remedy for this label will help reinforce the air bag message for the owners.

In consideration of the foregoing, NHTSA has decided that the petitioner has not met its burden of persuasion that the noncompliance it describes is inconsequential to safety for the sun visor air bag alert label or for the label on the dashboard. Accordingly, in regard to these two labels, its petition is hereby denied. MMSC must now fulfill its obligation to notify and remedy under 49 U.S.C. 30118(d) and 30120(h).

The sun visor air bag warning label has a message area that is 10 percent below the required 30 cm². Even though the label minimum format is not met, NHTSA believes in this case that the owner and future owners will have a message size that is acceptable. Since this label contains the actual owner guidance, NHTSA prefers to keep the current label intact rather than require a 10 percent increase in message area. In addition, the label on the dashboard will have to be remedied and it contains the same information as the sun visor air bag warning label. NHTSA expects the remedy will have the effect of reemphasizing the warning on the visor label.

In consideration of the foregoing, NHTSA has decided that the petitioner has met its burden of persuasion that the sun visor air bag warning labeling noncompliance portion of its petition is inconsequential to motor vehicle safety. Accordingly, we grant its petition on this issue.

Authority: 49 U.S.C. 30118(d) and 30120(h); delegations of authority at CFR 1.50 and 501.8.

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Claude H. Harris,

Director, Office of Vehicle Safety Compliance.

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DEPARTMENT OF TRANSPORTATION

National Highway Traffic Safety Administration

[Docket No. NHTSA 2004-17679; Notice 2]

General Motors Corporation, Denial of Petition for Decision of Inconsequential Noncompliance

General Motors Corporation (GM), has determined that certain 2004 model year vehicles that it produced do not comply with S5.1 of 49 CFR 571.124, Federal Motor Vehicle Safety Standard (FMVSS) No. 124, "Accelerator control systems." Pursuant to 49 U.S.C. 30118(d) and 30120(h), GM has petitioned for a determination that this noncompliance is inconsequential to motor vehicle safety and has filed an appropriate report pursuant to 49 CFR part 573, "Defect and Noncompliance Reports." Notice of receipt of a petition was published, with a 30-day comment period, on May 19, 2004, in the **Federal Register** (69 FR 28977). NHTSA received no comments.

Approximately 19,924 model year 2004 Cadillac SRX, Cadillac XLR, and Pontiac Grand Prix vehicles are affected. S5.1 and S5.3 of FMVSS No. 124 require that there shall be at least two sources of energy capable of returning the throttle to the idle position from any accelerator position or speed whenever the driver removes the opposing actuating force. In the event of failure of one source of energy by a single severance or disconnection, the return to idle shall occur within three seconds for any vehicle that is exposed to ambient air at -18 °C to -40 °C.

However, for the subject vehicles, in the event of failure of either of the two Electronic Throttle Control (ETC) Pedal return springs at ambient temperatures of -30 °C to -40 °C for the Grand Prix and XLR and -10 °C to -40 °C for the SRX, the engine in some of these

vehicles may not return to idle within the time limits specified by S5.3.

GM believes that the noncompliance is inconsequential to motor vehicle safety for the following reasons:

Vehicle Controllability: A number of conditions must occur for the noncompliance to occur. A return spring must be severed, the stack-up of tolerances in the ETC Pedal Position Sensor must exist, the vehicle must have soaked at an ambient temperature of -30°C to -40°C for the Grand Prix and XLR and -10°C to -40°C for the SXR, and the customer must drive the vehicle prior to the vehicle interior warming up. In the extremely low likelihood of all of these conditions existing, the condition would occur upon the first application of the throttle pedal. The vehicle would continue to be controllable by steering and braking, and the ETC Pedal assembly would return to normal operation once the passenger compartment warmed up.

Pedal Assembly is Protected: When FMVSS No. 124 was established in 1973, the accelerator control systems of vehicles consisted of a mechanical connection between the accelerator pedal and the engine's carburetor. The throttle return springs required by FMVSS No. 124 were typically part of the carburetor, and subject to the harsh engine environment. The requirements of S5.1 were established to ensure that if one of those springs in that environment were to fail, the engine would return to idle in a timely manner.

The ETC Accelerator Pedal Module in the subject vehicles consists of the accelerator pedal at the end of the accelerator pedal lever. The lever is connected to the ETC Pedal Sensor shaft, and is returned to the idle position by two return springs. The ETC Pedal Sensor provides two redundant signals to the engine control module to indicate accelerator pedal position. The ETC Accelerator Pedal Module is located entirely within the passenger compartment of the vehicle. The return springs are in a protected area under the instrument panel, and are not subject to the harsh environment of the engine compartment.

Condition Requires Failed Return Spring: The condition that is described can only occur if one of the two return springs is severed or disconnected. The springs in the subject Accelerator Pedal Module, however, have extremely high reliability and are not likely to fail in the real world.

Durability Testing: The ETC Accelerator Pedal Module is designed for a service life of at least 100,000 miles or 10 years working life for passenger car application. The Minimum Typical Predicted Usage Profile of the Component Technical Specification states that the Accelerator Pedal mechanism may be subject to 35,000,000 dithers / 70,000,000 sensor direction changes. The GM Test Procedure TP3750, Accelerator Pedal Lab Durability Cycling Test, that is used during the development and validation of this system, subjects these parts to 2 million cycles, an equivalent usage greater than 6 lives for an automatic transmission passenger vehicle and 3 lives for a manual transmission passenger vehicle. There were no accelerator

pedal return spring failures after testing multiple samples to 10 million cycles during the durability testing that was performed on the ETC Accelerator Pedal Module for the subject vehicles.

Condition Requires Extreme Temperatures, Pedal Assembly Warms Quickly: The root cause of the condition is an increase in friction that may occur on some ETC Accelerator Pedal Modules due to a stack-up of tolerances, but only when the Module is subjected to extreme ambient temperatures. All tests at temperatures above those extremes resulted in full compliance with the FMVSS No. 124 time limits for all pedal assemblies tested. Therefore, the ambient temperatures required for the possibility of the noncompliance to exist are severe. Even if a vehicle with a disconnected return spring soaked under the necessary harsh conditions for a sufficient time, the potential for the noncompliance to occur would exist for only a short time, because the pedal assembly would warm up quickly with activation of the vehicle heating system.

Warranty Data: GM has reviewed warranty data for these 2004 vehicles, as well as complaint data. GM is unaware of any data suggesting the subject condition is a real world safety issue.

Prior NHTSA Decision: On August 3, 1998, NHTSA granted a petition for decision of inconsequential noncompliance to GM for 1997 Chevrolet Corvettes that failed to meet the requirements of FMVSS No. 124, with respect to the requirement to return to idle in less than 3 seconds at -40°C .

Additional information was requested from GM. One of the factors considered in the prior petition grant (63 FR 41320, August 3, 1998) was that the accelerator control system performance of the Corvettes improved after several thousand application cycles of the accelerator pedal.

However, in the present case, GM and its pedal assembly supplier conducted several tests of samples from the subject population attempting to demonstrate this kind of improvement by cycling pedal assemblies at ambient and cold temperatures, but the throttle return performance was not significantly improved.

Six accelerator pedal assemblies were taken from GM vehicles with up to 11,553 accumulated driving miles and tested on a fixture with one return spring disconnected at -40°C and higher temperatures. Checking times to return from 10 percent, 50 percent, and 100 percent wide-open throttle positions to idle, two of the assemblies returned to idle within three seconds. The four others had not fully returned within one minute.

The worst performer of these assemblies was installed in a vehicle for testing on a dynamometer in a cold chamber. The driver accelerated to 70 mph and removed his foot from the accelerator control pedal. Vehicle speed

reduced slowly. Tapping or pumping the accelerator pedal had little effect. Side taps applied to the pedal improved return time such that the pedal returned within 40–50 seconds. When the driver used his foot to lift up the pedal, the idle condition was achieved within five seconds.

The standard requires that a vehicle's accelerator control system, with one return spring disconnected, return to idle in cold ambient temperatures within three seconds. A driver who starts a vehicle affected by the noncompliance in these conditions and begins driving it soon thereafter could be unable to control vehicle speed and experience a loss of control.

In consideration of the foregoing, NHTSA has decided that the petitioner has not met its burden of persuasion that the noncompliance described is inconsequential to motor vehicle safety. Accordingly, GM's petition is denied.

Authority: 49 U.S.C. 30118, 30120; delegations of authority at CFR 1.50 and 501.8.

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Claude H. Harris,

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DEPARTMENT OF TRANSPORTATION

Research and Special Programs Administration

Report on Research Activities; Request for Comments

AGENCY: Research and Special Programs Administration, DOT.

ACTION: Notice and Request for Comments.

SUMMARY: The Norman Y. Mineta Research and Special Programs Improvement Act of 2004 (Public Law 108-426) will disestablish the Department of Transportation's Research and Special Programs Administration (RSPA). In its place, two new Federal agencies will be established—the Research and Innovative Technology Administration (RITA) and the Pipeline and Hazardous Materials Safety Administration (PHMSA). These new organizations will be effective no later than February 28, 2005.

Section 4(g) of the Act directs the incoming RITA Administrator to prepare a report to Congress, due March 30, 2005, on the research activities and priorities of the Department of Transportation. As a part of the stakeholder review process, the