



U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

1200 New Jersey Avenue SE.
Washington, DC 20590

May 14, 2024

SENT VIA E-MAIL

Eddie Gates
Director, Field Quality
Tesla, Inc.
45500 Fremont Blvd.
Fremont, CA 94538

NEF-104

PE22-002

Dear Mr. Gates,

The Office of Defects Investigation (ODI) of the National Highway Traffic Safety Administration (NHTSA) requests that Tesla additional information to portions of its response to the May 4, 2022, Information Request sent to this office concerning Preliminary Evaluation (PE22002). PE22002 was opened to investigate allegations of unexpected brake activation in certain model year (MY) 2021-2022 Model 3 & Y vehicles manufactured by Tesla, Inc., (Tesla).

Unless otherwise stated in the text, the following definitions apply to these information requests:

- **Subject vehicles:** All model year (MY) 2021-2022 Tesla Model 3 & Y vehicles manufactured for sale or lease in the United States, including, but not limited to, the District of Columbia, and current U.S. territories and possessions.
- **Peer vehicles:** All MY 2023-2024 Tesla Model 3, Model Y, Model S and Model Y manufactured for sale or lease in the United States and federalized territories that were equipped with FSD and Autopilot firmware versions.
- **Subject System:** Autopilot specific components: Traffic-Aware Cruise Control (TACC), Autosteer, Full Self-Driving (FSD) Beta, Navigate on Autopilot, Traffic and Stop Sign Control Beta and, as relevant, Automatic Emergency Braking (AEB) and Forward Collision Warning (FCW).
- **Alleged defect:** The Autopilot System engages the brakes with no imminent collision hazard present, resulting in a sudden rapid vehicle speed decrease or deceleration. The inadvertent braking events occur without warning and randomly. The alleged defect can be broken into:
 - Allegations of false collision alert warnings by the subject system
 - Allegations of unnecessary emergency braking by the subject system
 - Allegations of excessive or unrequested braking by the subject system
- **Tesla:** Tesla, Inc. (collectively, “Tesla”), all of its past and present officers and employees, whether assigned to its principal offices or any of its field or other locations, including all of its divisions, subsidiaries (whether or not incorporated) and affiliated enterprises and all of their headquarters, regional, zone and other offices and their employees, and all agents, contractors, consultants, attorneys and law firms and other persons engaged directly or indirectly (e.g., employee of a consultant) by or under the control of Tesla (including all business units and persons previously referred to), who are or, in or after June 20, 2022, were involved in any way with any of the following related to the alleged

defect in the subject vehicles:

- a. Design, engineering, analysis, modification or production (e.g., quality control);
 - b. Testing, assessment or evaluation;
 - c. Consideration, or recognition of potential or actual defects, reporting, record-keeping and information management, (e.g., complaints, field reports, warranty information, part sales), analysis, claims, or lawsuits; or
 - d. Communication to, from or intended for zone representatives, fleets, dealers, or other field locations, including but not limited to people who have the capacity to obtain information from dealers.
- **Document:** “Document(s)” is used in the broadest sense of the word and shall mean all original written, printed, typed, recorded, or graphic matter whatsoever, however produced or reproduced, of every kind, nature, and description, and all non-identical copies of both sides thereof, including, but not limited to, papers, letters, memoranda, correspondence, communications, electronic mail (e-mail) messages (existing in hard copy and/or in electronic storage), faxes, mailgrams, telegrams, cables, telex messages, notes, annotations, working papers, drafts, minutes, records, audio and video recordings, data, databases, other information bases, summaries, charts, tables, graphics, other visual displays, photographs, statements, interviews, opinions, reports, newspaper articles, studies, analyses, evaluations, interpretations, contracts, agreements, jottings, agendas, bulletins, notices, announcements, instructions, blueprints, drawings, as-builts, changes, manuals, publications, work schedules, journals, statistical data, desk, portable and computer calendars, appointment books, diaries, travel reports, lists, tabulations, computer printouts, data processing program libraries, data processing inputs and outputs, microfilms, microfiches, statements for services, resolutions, financial statements, governmental records, business records, personnel records, work orders, pleadings, discovery in any form, affidavits, motions, responses to discovery, all transcripts, administrative filings and all mechanical, magnetic, photographic and electronic records or recordings of any kind, including any storage media associated with computers, including, but not limited to, information on hard drives, floppy disks, backup tapes, and zip drives, electronic communications, including but not limited to, the Internet and shall include any drafts or revisions pertaining to any of the foregoing, all other things similar to any of the foregoing, however denominated by Tesla, any other data compilations from which information can be obtained, translated if necessary, into a usable form and any other documents. For purposes of this request, any document which contains any note, comment, addition, deletion, insertion, annotation, or otherwise comprises a non-identical copy of another document shall be treated as a separate document subject to production. In all cases where original and any non-identical copies are not available, “document(s)” also means any identical copies of the original and all non-identical copies thereof. Any document, record, graph, chart, film or photograph originally produced in color must be provided in color. Furnish all documents whether verified by Tesla or not. If a document is not in the English language, provide both the original document and an English translation of the document.
 - **Other Terms:** To the extent that they are used in these information requests, the terms “claim,” “consumer complaint,” “dealer field report,” “field report,” “fire,” “fleet,” “good will,” “make,” “model,” “model year,” “notice,” “property damage,” “property damage claim,” “rollover,” “type,” “warranty,” “warranty adjustment,” and “warranty claim,” whether used in singular or in plural form, have the same meaning as found in 49 CFR 579.4.

In order for my staff to evaluate the alleged defect, certain additional information is required. Pursuant to 49 U.S.C. § 30166, please provide numbered responses to the following additional information requests. Insofar as Tesla has previously provided a document to ODI, Tesla should update it again or identify the document, the document submission to ODI in which it was included and the precise location in that submission where the

document is located. When documents are updated, they shall be produced in an identified, organized manner that corresponds with the organization of this information request letter (including all individual requests and subparts).

When additional information and the documents would not, standing alone, be self-explanatory, the information and documents shall be supplemented and accompanied by explanation.

Please repeat the applicable request verbatim above each response. After Tesla's response to each request, identify the source of the information and indicate the last date the information was gathered.

1. Provide, by Model and MY2021-2022, the number of subject vehicles Tesla has manufactured for sale or lease in the United States. Separately, for each subject vehicle manufactured for MY 2021-2022 by Tesla, state the following within the time interval May 2021 to December 2023:
 - a. Vehicle identification number (VIN);
 - b. Model;
 - c. Model Year;
 - d. Chronologically list an overview, the date of release, description of intent, expected effectiveness of;
 - i) Software version;
 - ii) Firmware version;
 - iii) Hardware version;
 - e. Provide a trend chart showing date of release for each software/firmware version and cumulative number of affected unique VINs;
 - f. Date at which the "Full Self Driving" (FSD) option was enabled;

Provide the table in Microsoft Access 2010, or a compatible format, entitled "ADDITIONAL DATA."

2. Separately, for each VIN, if applicable, provide complaints, reports, claims, notices, or any matter the following information:
 - a. Tesla's file number or other identifier used;
 - b. The category of the item, consumer complaint, field report, etc.);
 - c. Vehicle's VIN;
 - d. Vehicle's model and model year;
 - e. Software, firmware, and hardware versions in place at the time of the incident, along with date of installation;
 - f. Report or claim date;
 - g. Whether a crash is alleged;
 - h. Incident description including;
 - a. Whether FSD was active at the time of the incident;
 - b. AEB braking activation; yes or no;
 - c. Initial Speed of braking event;
 - d. Final Speed of braking event;
 - e. Average Deceleration during event;
 - f. Max Deceleration during event;
 - g. Video; yes or no;
 - h. Target detected during event;

Provide the table in Microsoft Access 2010, or a compatible format, entitled "ADDITIONAL DATA."

3. Produce copies of all documents, telematics reports / data, imagery (video or photo), and data logs related to

each item within the scope of Request No. 2. Organize the documents separately by category (i.e., consumer complaints, field reports, etc.) and describe the method Tesla used for organizing the documents.

4. In addition, provide a full copy of any expert report that has been produced by Tesla or received from another party in a lawsuit, arbitration, or a pre-suit claim regarding the incidents identified in Request No. 2. This includes any reports produced or exchanged for experts designated by any part in such litigation, including Tesla, plaintiff (s), or co-defendants. This does not include reports that Tesla has never produced to another party, to the extent Tesla claims a privilege exists for such a report. Provide this information in Microsoft Access 2010, or a compatible format, entitled “ADDITIONAL WARRANTY DATA.”

Legal Authority for This Request

This letter is being sent to Tesla pursuant to 49 U.S.C. § 30166, which authorizes NHTSA to conduct any investigation that may be necessary to enforce Chapter 301 of Title 49 and to request reports and the production of things. It constitutes a new request for information.

Civil Penalties

Tesla’s failure to respond promptly and fully to this letter could subject Tesla to civil penalties pursuant to 49 U.S.C. § 30165 or lead to an action for injunctive relief pursuant to 49 U.S.C. § 30163. (Other remedies and sanctions are available as well.) The Vehicle Safety Act, 49 U.S.C.

§ 30165(a)(3), provides for civil penalties of up to \$24,423 per violation per day, with a maximum of \$114,954,525 for a related series of daily violations, for failing or refusing to perform an act required under 49 U.S.C. § 30166. See 49 C.F.R. § 578.6(a)(3). This includes failing to respond completely, accurately, or in a timely manner to ODI information requests.

If Tesla cannot respond to any specific request or subpart(s) thereof, please state the reason why it is unable to do so. If on the basis of attorney client, attorney work product, or other privilege, Tesla does not submit one or more requested documents or items of information in response to this information request, Tesla must provide a privilege log identifying each document or item withheld, and stating the date, subject or title, the name and position of the person(s) from, and the person(s) to whom it was sent, and the name and position of any other recipient (to include all carbon copies or blind carbon copies), the nature of that information or material, and the basis for the claim of privilege and why that privilege applies.

Confidential Business Information

All business confidential information must be submitted directly to the Office of Chief Counsel as described in the following paragraph and should not be sent to this office. In addition, do not submit any business confidential information in the body of the letter submitted to this office. Please refer to PE22-002 in Tesla, Inc. response to this letter and in any confidentiality, request submitted to the Office of Chief Counsel.

If Tesla, Inc. claims that any of the information or documents provided in response to this information request constitute confidential commercial material within the meaning of 5 U.S.C.

§ 552(b)(4) or are protected from disclosure pursuant to 18 U.S.C. § 1905, Tesla, Inc. must submit supporting information together with the materials that are the subject of the confidentiality request, in accordance with 49 CFR Part 512. Additional information can be found here: <https://www.nhtsa.gov/coronavirus/submission-confidential-business-information>.

If you have any questions regarding submission of a request for confidential treatment, contact Daniel Rabinovitz, Trial Attorney, Office of Chief Counsel at daniel.rabinovitz@dot.gov or (202) 366-8534.

Due Date

Tesla's response to this Information Request update letter, in duplicate, together with a copy of any confidentiality request, must be submitted to this office by **June 24, 2024**. Tesla's response must include all non-confidential attachments and a redacted version of all documents that contain confidential information. If Tesla, Inc. finds that it is unable to provide all the information requested within the time allotted, Tesla, Inc. must request an extension from me at (202) 366-9340 no later than five business days before the response due date. If Tesla, Inc. is unable to provide all the information requested by the original deadline, it must submit a partial response by the original deadline with whatever information Tesla, Inc. then has available, even if an extension has been granted.

Please send email notification to Timothy Igbawua at timothy.igbawua@dot.gov and to ODI_IRresponse@dot.gov when Tesla, Inc. sends its response to this office and indicate whether there is confidential information as part of Tesla's response.

If you have any technical questions concerning this matter, please call Timothy Igbawua of my staff at (202) 366-9340.

Sincerely,



Gregory Magno, Chief Vehicle
Defects Division D Office of
Defects Investigation