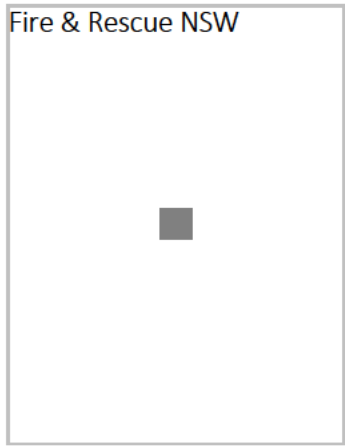


From: [FIRU](#)
To: s22(1)(a)(ii)
Cc: s47F
Subject: FW: EV fire
Date: Monday, 6 June 2022 11:15:38 AM
Attachments: s22(1)(a)(ii)

Good morning / Afternoon Fair Trading,
FRNSW responded to a fire. Here are the details:

Incident Details:	
Time of call:	09:04
Date:	04-06-2022
Address:	s47F
FIRECAD:	92154
FRNSW attendance:	Newtown
Reporting Officer:	s47F
Appliance/Product details:	Car Fire / Volvo
Model:	XC-40 s47F
Serial Number:	n/a
Occupant Details:	
Name:	N/A
Contact Number:	N/A
Photos:	Yes

Regards



s47F
Administrative Support Officer
Fire Investigation and Research Unit | Fire and Rescue NSW
s47F
s47F [@fire.nsw.gov.au](mailto:s47F@fire.nsw.gov.au)
1 Amarina Avenue, Greenacre, NSW 2190
www.fire.nsw.gov.au



From: s47F
Sent: Saturday, 4 June 2022 11:19 AM
To: FIRU
Subject: EV fire

FIRU,

Please see attached form and photographs.

s47F

s22(1)(a)(ii)

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This message has been scanned for viruses.



NSW Fair Trading notification form

This form is used to notify NSW Fair Trading of any fire where the cause has been determined as being from faulty goods, electrical articles or electrical installation

Incident Details

Date of fire: 04/06/2022 Time of fire: 0904 AIRS no.: 092154
 Address: s47F Suburb: s47F
 Name (owner/occupier): s47F Phone no.:

Details of goods / article / installation

Reason for notification: ☐ Faulty goods ☒ Electrical article ☐ Electrical installation
 Type of article: Vehicle Brand: Volvo
 Model: XC-40 Serial no.:
 Description of goods / article / installation:
 s47F

Purchase location or installer details (if known):
 Date goods/article was purchased or date of installation (if known):

Description of fire event

Did fire occur directly because of failure of the product/appliance? ☒ Yes ☐ No ☐ Unsure
 Was human error a contributing factor (e.g. not used correctly)? ☐ Yes ☐ No ☒ Unsure
 If yes, please detail:

Please describe the fire event:

s47F

Detail your opinion on why fire occurred?
 Some type of an electrical fault had occurred

Please submit this form along with any photos to FIRU@fire.nsw.gov.au



s47F

s47F

s47F



Released under the Freedom of Information Act 1982 by the Department of Infrastructure, Transport, Regional Development, Communications and the Arts



Vehicle Safety Report – Investigation Overview

Incident number	INC-2022-06-00005
File Number	REP-2022-07-000014 & F22/
Date of incident	04/06/2022
Date AFR received	21/07/2022
Date investigated	05/08/2022
Case officer	s22(1)(a)(ii)

Summary of incident:

Fire in a Volvo XC-40. Electric engine. Incident reported to department by NSW Fire and Rescue.

Summary of findings:

No recalls. No other incidents have been reported to the department. Nothing online regarding the 2022 XC40 or fires historically for the series occurring at the rear of the vehicle.

Recommendation:

s22(1)(a)(ii) to see if he knows whether NSW fire & rescue submit a report with manufacturer. If so, add to quarterly report and close. If not, contact manufacturer directly.

Vehicle Safety Report – Investigation

Investigation steps		Comments
Recalls in Australia	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Recalls on NHTSA	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Recalls in UK	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Notices on Manufacturer site	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	No VIN unable to check vehicle
Online discussion boards/news	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Incidents reported to the department	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

Is the safety issue systemic? Yes ☐ No ☒

For the purpose of processing vehicle safety reports allocated to AFR, it has been determined that **3 or more** reports that relate to a safety issue with the design or manufacture of a vehicle; or if there is a **current recall** for the described issue; are considered to be systemic.

Make	Volvo
Model	XC40
Year	2022
VIN	Unknown
Other	s47F

Incident detail (as per reporter):

From Fire and Rescue NSW - Fire occurred in the middle of the rear bumper of vehicle whilst it was being drive. The driver pulled over and a local shopkeeper extinguished the fire with 1 dcp extinguisher prior to FRNSW arrival. I observed a large hole and been burnt through the bumper. Inside the bumper directly above the hole was some type of electrical connection and wiring which had been affected by the fire. s47F
 Curiously the car did not display an EV sticker on either of the number plates.

Can the content of the report be disclosed? Yes ☐ No ☒

Has the manufacturer been contacted by the reporter? Yes ☐ No ☒

Manufacturer comments (as per reporter):

Research findings:

No recalls. No other incidents have been reported to the department. Nothing online regarding the 2022 XC40 or fires historically for the series occurring at the rear of the vehicle.

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Action checklist:

Did the incident result in a fatality or serious injury?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Was the incident related to driver assistance technology?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Was the incident airbag related?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Are NHTSA investigating?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Was the incident related to a vehicle fire?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Is the incident systemic and relates to a braking or steering failure?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

If you answered **yes** to any of the above, **action is required**. Refer to [guidelines](#) for further information.

Does the report need to be reallocated to another team? Yes ☐ No ☒

Refer to C&E allocation tool on the Registry for more information.

Rational for reallocation:

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Vehicle Safety Operations Branch – Compliance and Enforcement ‘Report Runsheet’

Report ID: REP-2022-07-000014
 Perspective ID: INC-2022-06-00005
 Subject: Vehicle fire - Potential safety issue with 48V support battery.
 Report exported on: Thursday, 1 February 2024 04:04

Date	Team member	Event	Comments	References
06/06/2022 00:00	# rover-p- deployment	NSW Fire reported car fire	<p>XC40 Volvo, rego ETQ85A,</p> <p>From Fire and Rescue NSW</p> <p>Fire occurred in the middle of the rear bumper of vehicle whilst it was being drive. The driver pulled over and a local shopkeeper extinguished the fire with 1 dcp extinguisher prior to FRNSW arrival. I observed a large hole and been burnt through the bumper. Inside the bumper directly above the hole was some type of electrical connection and wiring which had been affected by the fire. s47F</p> <p>Curiously the car did not display an EV sticker on either of the number plates.</p> <p>Photos attached</p>	22#134025DOC
20/07/2022 00:00	# rover-p- deployment	VSNCR transferred from Perspective to ROVER		
21/07/2022 00:00	# rover-p- deployment	Reviewed VSNCR, allocate to AFR	<p>Volvo XC-40 REP-2022-07-000014 (INC-2022-06-00005) ROVER/REP-2022-07-000014</p> <p>Fire in a Volvo XC-40 electric vehicle. Reported by NSW Fire and Rescue.</p>	22#152654DOC



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			Allocate to AFR.	
10/11/2022 14:31	s22(1)(a)(ii)	Under Review	Agree to contact manufacturer regarding 48 V support battery. Ask if they have received other reports and request if they can advise department of future incidents. High level information only - report details can't be disclosed.	s22(1)(a)(ii)
10/11/2022 15:38	s22(1)(a)(ii)	Responding	Emailed supplier 16/9/2022.	s22(1)(a)(ii)
11/11/2022 08:00	s22(1)(a)(ii)	Supplier reply	05/10/2022 - Supplier provided response.	see TRIM
05/12/2022 14:23	s22(1)(a)(ii)	Under Review		s22(1)(a)(ii)
09/01/2023 13:38	s22(1)(a)(ii)	Recommended	s47G(1)(b)	s22(1)(a)(ii)
10/01/2023 14:55	# rover-p-automation	Outcome selected -	s47G(1)(b)	
10/01/2023 14:55	s22(1)(a)(ii)	Closed		s22(1)(a)(ii)