

Subject: FSAR Number: 190524-115466, ALL Electric and Hydrogen buses (XE and XHE)

FSAR Priority: Medium
Scope: Potential Fleet Defect
RPN: 729

Causal Part Description: PROGRAM-PLC

Failure Description: Rear exit doors need to be manually cycled before operating bus.

Requirement Not Met: Bus is not ready to operate on startup.

Cause Description: Door controller requires speed signal on startup, and if not present in time, the doors will need to be cycled. On XE and XHE buses this signal takes longer to start transmitting causing the issue

Corrective Action: In PLC program, delay startup of the door baseplate so bus can start sending speed signal. Work with engineering on how to implement changes.

FSAR Number: 190524-115466

Complaint Details: Rear exit doors need to be manually cycled before operating bus.

FSAR Priority: Medium

Scope: Potential Fleet Defect

Affects Ref Bus: Yes

Responsible Org: Design Eng

Category: Design Error

Requirement Not Met: Bus is not ready to operate on startup.

Root Cause: Door controller requires speed signal on startup. If not present doors will need to be cycled.

Work Group:

Supplier Name:

SR #:	SR-2143 , XE40 , [REDACTED]	Quantity Affected : 1	SR Quantity : 1
SR #:	SR-2144 , XE60 , [REDACTED]	Quantity Affected : 1	SR Quantity : 1
SR #:	SR-2319 , XE40 , [REDACTED]	Quantity Affected : 1	SR Quantity : 1
SR #:	SR-2145 , XE35 , [REDACTED]	Quantity Affected : 1	SR Quantity : 1
SR #:	SR-1923 , XE40 , [REDACTED]	Quantity Affected : 1	SR Quantity : 1
SR #:	SR-2326 , XE40 , [REDACTED]	Quantity Affected : 1	SR Quantity : 1

SR #:	SR-1925 , XHE60 , [REDACTED] TRANSIT DISTRICT	Quantity Affected : 1	SR Quantity : 1
SR #:	SR-2020 , XE40 , [REDACTED] TRANSIT AUTHORITY	Quantity Affected : 1	SR Quantity : 1
SR #:	SR-2403 , XE40 [REDACTED]	Quantity Affected : 1	SR Quantity : 1
SR #:	SR-2068 , XHE40 , [REDACTED] TRANSIT AGENCY (OPERATOR)	Quantity Affected : 1	SR Quantity : 1
SR #:	SR-1682 , XE40 , [REDACTED] TRANSIT AUTHORITY	Quantity Affected : 2	SR Quantity : 2
SR #:	SR-2182 , XE40 [REDACTED]	Quantity Affected : 2	SR Quantity : 2
SR #:	SR-1723 , XE40 , [REDACTED]	Quantity Affected : 2	SR Quantity : 2
SR #:	SR-2207 , XE40 , [REDACTED]	Quantity Affected : 2	SR Quantity : 2
SR #:	SR-1724 , XE40 , [REDACTED]	Quantity Affected : 2	SR Quantity : 2
SR #:	SR-2208 , XE60 , [REDACTED]	Quantity Affected : 2	SR Quantity : 2
SR #:	SR-2374 , XE40 , [REDACTED]	Quantity Affected : 2	SR Quantity : 2
SR #:	SR-2313 , XE40 , [REDACTED]	Quantity Affected : 2	SR Quantity : 2
SR #:	SR-2297 , XE40 , [REDACTED]	Quantity Affected : 3	SR Quantity : 3
SR #:	SR-2362 , XE40 , [REDACTED] TRANSIT AUTHORITY	Quantity Affected : 4	SR Quantity : 4
SR #:	SR-2318 , XE35 , [REDACTED] TRANSPORTATION AUTHORITY	Quantity Affected : 4	SR Quantity : 4
SR #:	SR-2296 , XE40 , [REDACTED]	Quantity Affected : 4	SR Quantity : 4
SR #:	SR-2375 , XE35 , [REDACTED]	Quantity Affected : 4	SR Quantity : 4
SR #:	SR-2317 , XE40 , [REDACTED] TRANSIT DISTRICT	Quantity Affected : 5	SR Quantity : 5
SR #:	SR-2250 , XHE40 , [REDACTED] TRANSIT AGENCY	Quantity Affected : 5	SR Quantity : 5
SR #:	SR-2211 , XE40 , [REDACTED]	Quantity Affected : 5	SR Quantity : 5
SR #:	SR-2165 , XE40 , [REDACTED] TRANSIT AUTHORITY	Quantity Affected : 5	SR Quantity : 5
SR #:	SR-2212 , XE60 , [REDACTED] TRANSPORTATION AUTHORITY	Quantity Affected : 5	SR Quantity : 5
SR #:	SR-2344 , XE40 , [REDACTED] TRANSIT COMMISSION	Quantity Affected : 6	SR Quantity : 6
SR #:	SR-2221 , XE40 , [REDACTED]	Quantity Affected : 6	SR Quantity : 6
SR #:	SR-2360 , XE40 , [REDACTED] TRANSIT AUTHORITY [REDACTED]	Quantity Affected : 7	SR Quantity : 7
SR #:	SR-2352 , XE40 , [REDACTED] TRANSPORTATION AUTHORITY	Quantity Affected : 8	SR Quantity : 8
SR #:	SR-2315 , XE60 , [REDACTED]	Quantity Affected : 8	SR Quantity : 8
SR #:	SR-2304 , XE40 , [REDACTED] TRANSIT COMMISSION	Quantity Affected : 10	SR Quantity : 10
SR #:	SR-2178 , XHE40 , [REDACTED] TRANSIT DISTRICT	Quantity Affected : 10	SR Quantity : 10
SR #:	SR-2401 , XE40 , [REDACTED] TRANSIT AUTHORITY	Quantity Affected : 10	SR Quantity : 10

SR #:	SR-2179 , XHE40 , [REDACTED] TRANSPORTATION AUTHORITY	Quantity Affected : 10	SR Quantity : 10
SR #:	SR-2363 , XE60 , [REDACTED] TRANSIT AUTHORITY	Quantity Affected : 15	SR Quantity : 15
SR #:	SR-2213 , XE60 , [REDACTED] TRANSIT AUTHORITY	Quantity Affected : 60	SR Quantity : 40

Total	220	200
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Number Of Affected SR's: 39