



Replace Model X Windshield Wiper Check Valve

Classification Campaign Bulletin **Section/Group** 17 - Electrical **Country/Region** All

Year 2015-2018 **Model** Model X **Version** All

Bulletin Classification: *This campaign bulletin addresses a known non-safety-related condition and provides recommended technical diagnosis and repair procedures. Apply this procedure to all vehicles in the affected VIN range listed. These instructions assume knowledge of motor vehicle and high voltage electrical component repairs, and should only be executed by trained professionals. Tesla assumes no liability for injury or property damage due to a failure to properly follow these instructions or repairs attempted by unqualified individuals.*

This Service Document supersedes SB-18-17-004 R2, dated 11-Dec-18. Each content change is marked by a vertical line in the left margin. Discard the previous version and replace it with this one.

Condition

On some Model X vehicles traveling at highway speeds, the washer fluid spray might not sufficiently cover the driver's lower windshield.

Correction

Replace the windshield wiper check valve with an inline coupler.

Correction Description	Correction	Time
SB-18-17-004 Not Applicable	S011817004	0.00
Replace Windshield Wiper Check Valve With Inline Coupler	S021817004	0.05

Required Part:	Part Number	Description	Quantity
	1134460-00-A	CONNECTOR WASHER HOSE INLINE	1

Shop supplies:
Absorbent wipe

These part numbers were current at the time of publication. Use the revisions listed or later, unless otherwise specified in the Parts Manual.

Special Tool: 1115177-00-A or B Pliers, Hose Clamp

Procedure

1. Remove the rear underhood apron (refer to Service Manual procedure 12251102).
2. Clamp the washer hose on both sides of the check valve (Figure 1).

⚠ CAUTION: Do not damage or deform the washer hose.

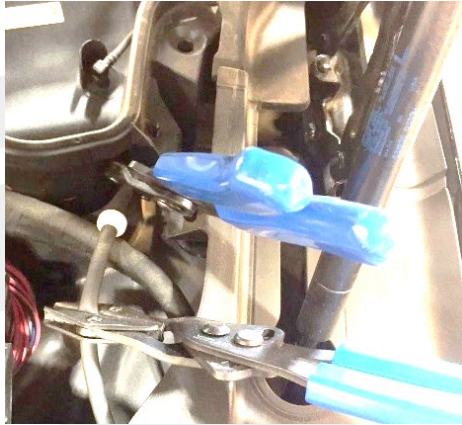


Figure 1

3. Lay an absorbent wipe under the check valve.
4. Disconnect the washer hose from both sides of the check valve (Figure 2).

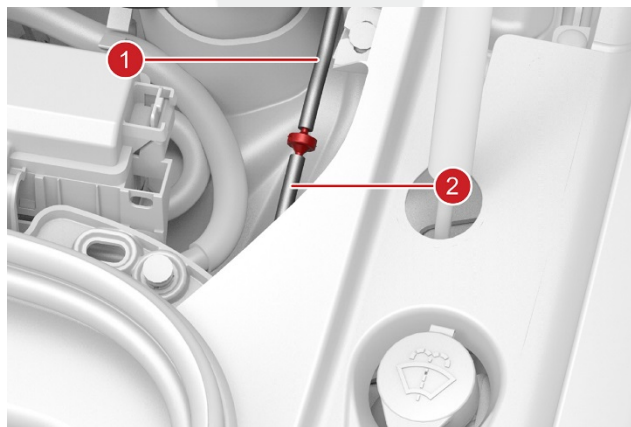


Figure 2 (Inline check valve in red)

1. Washer hose, wiper-side
 2. Washer hose, pump-side
5. Remove and discard the check valve.

6. Install the inline coupler into the wiper side of the washer hose (Figure 3).



Figure 3

7. Install the inline coupler into the pump side of the washer hose (Figure 4).



Figure 4

8. Make sure that the inline coupler is fully inserted into the washer hose on both the pump side and the wiper side.
9. Remove the clamps (Figure 1).
10. Perform a functional check of the wiper and washer assemblies, and inspect for any leakage at the inline coupler (Figure 4).
11. Remove the absorbent wipe and install the rear underhood apron (refer to Service Manual procedure 12251102).

Affected VIN(s) Affected Model X vehicles built before approximately March 22, 2018.

NOTE: This is a simplified summary of the affected VIN list. Refer to the VIN/Bulletin Tracker or Customer/Vehicle profile to determine applicability of this bulletin for a particular vehicle.

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