

Upgrade AP1 to AP2.0

Tesla Model X Sep 2015 - Feb 2021

Source: Tesla Service (2022)

Replacement Parts

Upgrade AP1 to AP2.0

#	Part Short Name	Part Full Name	Part Number
1	Windshield	MX WSHLD ASSEMBLY HW2.0 LEFT HAND DRIVE HWA K4D-3 WEDGE.	1105964-00-E
2	Front Camera	INLINE TRIPLE CAM, S/X/3	1120520-00-B
		Shield - ASM, MX TRIPLE CAM GLARE SHIELD	1095516-00-G
		Clip - CLIP, U-BELL, 5.8X1.5-3.5	1008245-00-A
		Mount Plate - TRIPLE CAM RR VIEW MIRROR MOUNT PLATE	1126328-00-A
		Cover - ASM, MX RR VIEW MIRROR CVR TRIPLE CAM	1092605-01-D
		Lower Cover - MX RR VIEW MIRROR LOWER CVR TRIPLE CAM	1092607-01-D
		Harness Cover - COVER, ASY, 12V, MODEL X, OHC	1079608-00-A
3	B-Pillars	RWK,APPLIQUE,MX,B PLR,LEFT HAND ASSY	1092311-98-F
		RWK,APPLIQUE,MX,B PLR,RH ASSY	1092312-98-F
		B-PILLAR CAMERA, LEFT (only if used 1092311-98-F has no camera)	1069104-SL-D
		B-PILLAR CAMERA, RIGHT (only if used 1092312-98-F has no camera)	1069104-SR-D
4	Side Repeaters	LAMP ASY, SIDE REPEATER CAMERA, LEFT HAND	1495866-22-C
		LAMP ASY, SIDE REPEATER CAMERA, RIGHT HAND	1495867-22-C
5	AP 2.0	ASSY, AUTOPILOT.ECU,2.0	1078321-70-G

Harness Parts

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#	Section	Part Full Name	Part Number
2	Front Camera	ASY,HRN,MDLX,ALL,OHC,TRIPLE-CAM (cable from a windshield till headliner).	1082391-00-C
		Coax cables connecting inline triple camera from the headliner to AP2.0 module. Might be the case the full ASY,HRN,MDLX,LEFT HAND DRIVE,BODY will be required.	To be defined
3	B-Pillars	Coax cables connecting each camera from B-pillar to AP2.0 module. Might be the case the full ASY,HRN,MDLX,LEFT HAND DRIVE,BODY will be required.	To be defined
4	Side Repeaters	Only Missing a coax cable for each camera. According to 2015-2020 Model X Service Manual, a coax cable for each camera can be replaced separately without replacing full set of harness.	To be defined
5	AP 2.0	Missing cables from AP2.0 to MCU2	To be defined

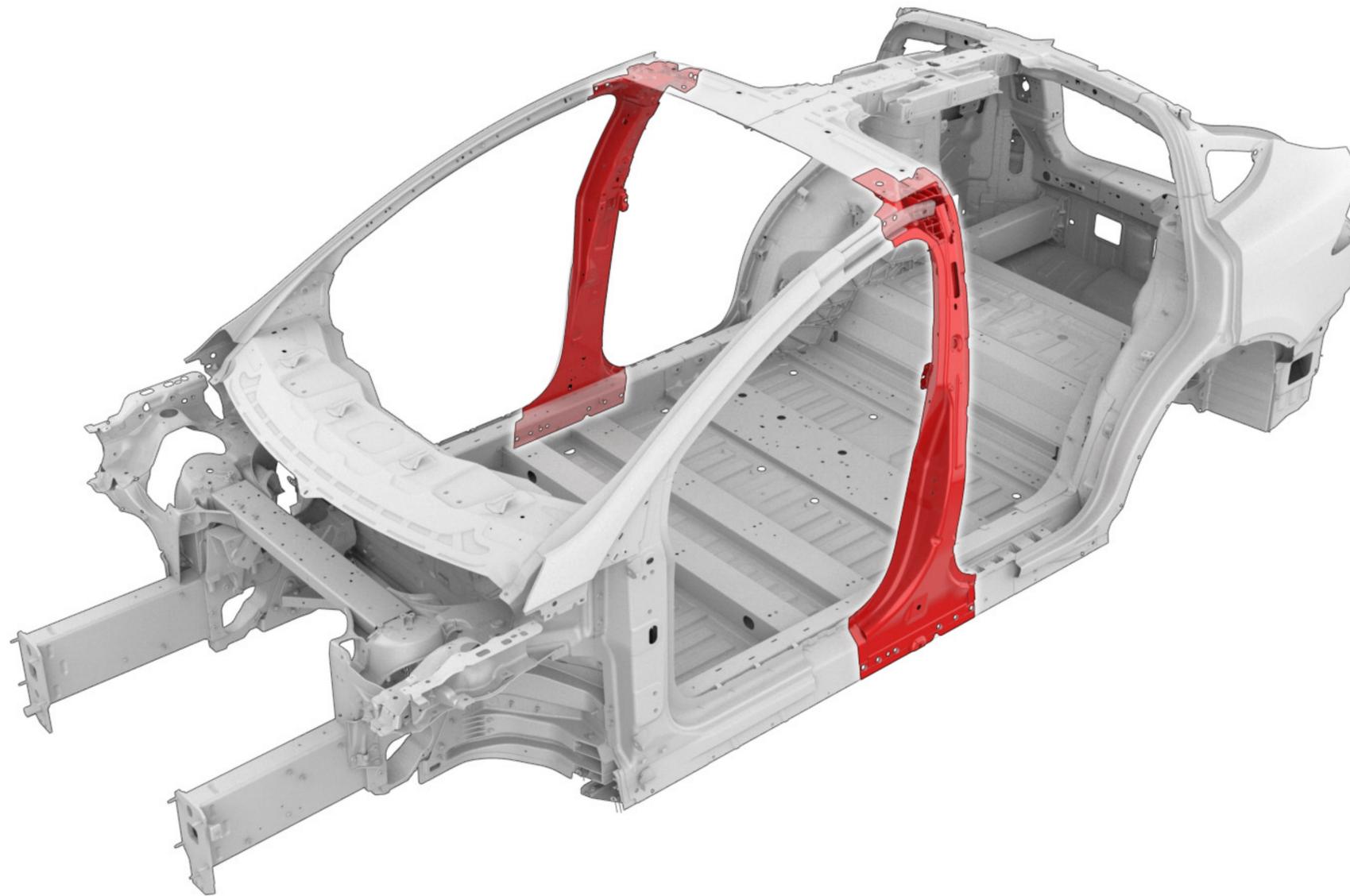
No Changes

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Section	Comments
Front Radar	<ul style="list-style-type: none">• Both AP1.0 and AP2.0 are fitted with Bosch Radar• Model X with AP2.0 were successfully upgraded up AP3.0 by Tesla Service center leaving old Bosch Radar in place
Ultrasonic Sensors	<ul style="list-style-type: none">• No changes required
Steering Column	<ul style="list-style-type: none">• No changes required (1027811-00-F)
Glovebox	<ul style="list-style-type: none">• No changes required
B-Pillar Camera	<ul style="list-style-type: none">• No changes required due to no structural changes in the body

Body: B-Pillar

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- No structural changes
- All required holes are pre-drilled

Challenges

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Section	Comments
Software	<ul style="list-style-type: none">• Tesla's approval in relation to:<ul style="list-style-type: none">▸ VIN applicable changes▸ Relevant software update
Extended or Used Warranty	<ul style="list-style-type: none">• Will be voided for all replaced parts and harness