


VOLVO CAR SERVICE AND PARTS BUSINESS			
<h1>Parts Bulletin</h1>			
TITLE: Recall R10120: Hydraulic Unit Model /Year: 2020 - 2021 XC60, XC90 and S90L			
GROUP: 52	CAT/NO: R10120	CAR MARKET: United States and Canada	
REVISIONS:		ISSUE DATE: 2021-09-16	STATUS DATE: 2021-09-16
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“Right first time in Time”

Reference Bulletins: QB 10120

Volvo Car USA LLC and Volvo Car Canada LTD on behalf of Volvo Car Group, have decided to launch Recall R10120 on certain model year 2020-2021 XC60, XC90 and S90L vehicles.

Volvo Cars investigations have identified that there may be a risk that certain welding between the Hydraulic brake unit motor’s rotor shaft and the magnet package (armature) can partially or fully be missing.

The welding defect can potentially result in a failure if magnet segments aren’t sufficiently welded. The risk of a potential slip between the motor shaft and the magnet package (armature) is likely to appear suddenly in situations when high motor torque* is requested and/or in combination with high motor rpm.

Decreased motor performance will be detected and result in a redundant hydraulic fall back.

- No brake boost
- ABS disabled
- ESC disabled - All other hydraulic control functions are disabled except EBD (Electronic brake force distribution)
- Red Brake warning light, ABS and ESC warning light activated.
- IPB (Integrated parking brake) related functions remain active. FSI (Fallback Support by IPB) available.

*High motor torque is requested when a high pressure and/or pressure gradient are required. Those situations are relatively rare i.e. hard emergency braking.

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To remedy the concerned vehicles, Volvo Cars will replace the Hydraulic Unit, free of charge to the customer.

A total of 9 U.S. and 1 Canadian vehicle are eligible for this recall.

The following part numbers apply:

Part Number	Description	Qty
31680105 S90L	Hydraulic Unit	1
36011717 XC60, XC90	Hydraulic Unit	1