

6.6.2018

1. Overview

The LS5-series navigation scanners have been set to end-of-life status in their lifecycle due to component availability issues. The scanners have a CPU that has become obsolete, which means that new units can no longer be manufactured.

2. Affected items

Below are all the products that the change will affect

Product number	Product name	Note
603519	LASER TRANSMITTER LS5 F	FLAT REFLECTORS
603520	LASER TRANSMITTER LS5 C	HIGHLY REFLECTIVE ENVIRONMENT
603521	LASER TRANSMITTER LS5 R	CYLINDRICAL REFLECTORS

3. Replacement

LS5 scanners can be replaced with the current LS2000 navigation scanner. However, scanners are not directly substitutable with each other and therefore installation work must be done. Depending on the control electronics of the vehicle, installation and upgrade are slightly different.

In the table below you will find the product that can be used to upgrade the laser scanner to the vehicle.

Replacement kit (Product number)	Product name	Note
640840	Complete ATX navigation upgrade kit	Upgrade of the control electronics to the CVC600 system is required before the LS2000 laser scanner can be upgraded. Complete kit.
640845	Complete AWT navigation upgrade kit	Upgrade of the control electronics to the CVC600 system is required before the LS2000 laser scanner can be upgraded. Complete kit.
640844	ATX navigation upgrade kit	This kit is meant for vehicle with CVC600.
640846	AWT navigation upgrade kit	This kit is meant for vehicle with CVC600.

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The first two upgrade packages are for vehicles with the VMC500 control technology. In these cases, it is necessary to upgrade the control electronics to the CVC600 before installing the LS2000 scanner.



Picture 1. VMC500 old vehicle master controller



Picture 2. CVC600 current vehicle controller



Picture 3. LS5 Navigation laser scanner



Picture 4. LS2000 Navigation laser scanner

4. Optional service

When updating CVC600, you will get most efficiency out of your AGV system by taking Route Optimizer in use. Route Optimizer is a value adding software which helps AGVs to optimize their routes by calculating all the time the best and most efficient way to complete a given task. Integrated PowerHour® is Route Optimizer's intelligent energy management system, which keeps system's energy level in an optimal level and maximizes system performance.

If you have any questions about service issues or upgrades, our service sales team will help you find the most appropriate solution to your questions. Our service sales team can be reached at: service.sales@rocla.com or by phone at +358 20 778 1555.

Best regards,

AGV Solutions
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