



## Smart Construction Retrofit

Smart Construction Retrofit Kit's part numbers are changing as follows: 3D machine guidance kit will be updated as small, medium, large kits. The payload monitoring (PLM) kit is now a separate kit.

For customers who want both features, the 3D machine guidance and payload monitoring kit, two separate kits should be ordered and installed on the machine. The option to purchase only the 3D machine guidance kit without the payload monitoring system is now available. However, the **PLM kit cannot be ordered as a standalone kit without the 3D machine guidance kit at this time.**

### 3D Machine Guidance Kit Breakdown:

See below for which machine models pertain to Retrofit's small, medium, and large kits:

Machine Guidance Kit		
Description	Part Number	Applicable Models
Small Kit	L01-1001520	PC78
		PC88
		PC130
		PC138
		PC170
Medium Kit	L01-1001540	PC210
		PC238
		PC240
		PC290
Large Kit	L01-1001560	PC360
		PC390
		PC490

\*\*For machines sizes larger than PC490, the large kit (Part No. L01-1001560) should be ordered alongside the appropriate extension harnesses to accommodate the longer arm and boom. See more details in how to order extension harnesses here: [Marketing News - Extension Harness](#)

### Payload Monitoring Kit Breakdown:

See below for which payload monitoring kits are applicable to machine size classes:

Payload Monitoring Kit		
Description	Part Number	Applicable Models
PC78 PLM	L01-1001900	PC78
		PC88
		PC130
PC138 PLM	L01-1001910	PC138
		PC170
PC210 PLM	L01-1001920	PC210
PC238 PLM	L01-1001930	PC238
		PC240
		PC290
PC360 PLM	L01-1001940	PC360
		PC390
		PC490

\*\*For Non-Komatsu machines, PLM still requires further testing, dealer discretion is advised when installing PLM on Non-Komatsu machines.

**3D Machine Guidance Kit & PLM Kit Ordering:** All 3D machine guidance kits along with the payload monitoring kits are available through the parts channel. The exact part numbers pertaining to applicable machines are listed in the table above.

**Installation Overview:** Installation of kits remain largely unchanged; that is, Smart Construction Retrofit is a field locally installed by Komatsu Distributor. Each field kit will consist of brackets, harnesses, IMU's and GNSS controller, etc. Please refer to the installation manual for more details. The installation and operation manuals can be found on the Komatsu Global Portal / Smart Construction Community Page.

Smart Construction Pilot App (operator interface software) should still be downloaded via the Google Play Store.

Additionally, locally sourced parts will still be required to complete the system. The distributor or customer must acquire the following:

- Tablet (android operating system only), tablet mount, charging cable.
- Mobile router
- Additional external UHF and 915SS radio (if customer is using a base station).
- SIM Card with data plan required, only if customer is using a RTN (Real Time Network / VRS)

For additional questions, please contact [support@smartconstructionhelp.zendesk.com](mailto:support@smartconstructionhelp.zendesk.com)

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