



## Smart Construction Retrofit

SMART Construction Retrofit is a field installed 3D and 2D machine guidance grade system with a standard payload monitoring system on size classes of PC88 up to PC490, including legacy machines.

**SOMETHING NEW:** We now offer extension harnesses to accommodate excavators larger than a PC490 equivalent size class. With this update, we can now support **MORE** excavators than before!

Please see below for a breakdown on extension harnesses along with part numbers:

STANDARD HARNESS			
Part No.	Length (mm)	Length (ft)	List Price
2AB-06-11710	500	1.64	\$\$\$
2AB-06-11720	1000	3.28	\$\$\$
2AB-06-11730	1500	4.92	\$\$\$
2AB-06-11740	2000	6.56	\$\$\$
2AB-06-11750	3000	9.84	\$\$\$
2AB-06-11760	5000	16.40	\$\$\$

Payload Harness			
Part No.	Length (mm)	Length (ft)	List Price
2AB-06-12190	3000	9.84	\$\$\$

\*Part No included in table above are for extension harness ONLY and does not include any additional components.

\*\*Part No are subject to change in the future.

Here are some additional considerations to note when ordering extension harnesses:

1. Arm AND boom lengths should be measured or confirmed prior to ordering to ensure proper harness lengths are ordered.
2. 2x separate extension harnesses should be ordered: one for arm and one for boom
3. Extension harness is interchangeable between arm and boom – only difference is length.
4. Additional cable management may be required depending on how much extra harness length is leftover once connection is completed.

Much like Smart Construction Retrofit Kits, installation of extension harness should be completed by the local distributor and Smart Construction Retrofit system should be re-calibrated prior to use. Installation and Calibration steps do not change with the use of extension harnesses.

Extension harnesses can be purchased through the parts portal, like Smart Construction Retrofit Kit itself. List Price are included in the table above (price is subject to change based on configuration and distributor pricing).

For help related to excavator size classes larger than PC490 and extension harnesses, please refer to the table below:

MODEL	ARM LENGTH (ft)	PART NO.	BOOM LENGTH (ft)	PART NO.
<b>STANDARD PC490</b>	13'1"	-	23'2"	-
STANDARD PC650	14'1"	2AB-06-11710 (1.64 ft)	25'2"	2AB-06-11720 (3.28 ft)
STANDARD PC900	15'7"	2AB-06-11720 (3.28 ft)	28'	2AB-06-11740 (6.56 ft)
STANDARD PC1250	14'9"	2AB-06-11710 (1.64 ft)	29'10"	2AB-06-11750 (9.8 ft)
STANDARD PC2000	12'10"	-	28'7"	2AB-06-11740 (6.56 ft)

\*Above table is for standard arm and boom lengths. Best practice is to measure exact machine's arm and boom lengths so the accurate harness lengths for arm and boom are ordered.

Contact: Please contact [support@smartconstructionhelp.zendesk.com](mailto:support@smartconstructionhelp.zendesk.com) with additional questions.

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