

Instructions for using the SMART-CT Cable Tool for SmartCells

SMART-CT PARTS LIST

ITEM NO.	PART NUMBER	DESCRIPTION
1	1020-0862-08	SmartCell® Cable Pawl
2	6940-0060	TorqueFix Wing, 0.6 Nm (5.3 in-lbs) Screwdriver Handle
3	6940-0061	Screwdriver Bit, 4mm for TorqueFix Wing Screwdriver Handle
4	0330-0068-08	Load Cell Cable Coupling (not shown)

1. First, assemble the SMART-CT Tool by installing Item No. 1 (SmartCell® Cable Pawl) onto Item No. 3 (Screwdriver Bit, 4mm for TorqueFix Wing Screwdriver Handle) as shown in Figure No. 1.

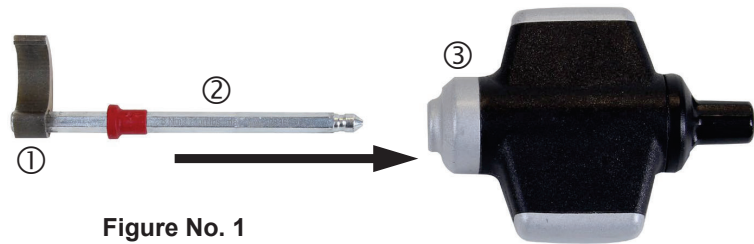


Figure No. 1

2. Next, insert the Screwdriver Bit with SmartCell® Cable Pawl (Item No. 1 and 3) assembly into Item No. 2 (TorqueFix Wing Screwdriver Handle). The SMART-CT Cable Tool for SmartCells is ready to use.

3. Disconnect the old load cell cable from both load cells it is connected to, and then connect one end of the old load cell cable to one end of the Load Cell Cable Coupling (*included with the SMART-CT*), and then connect the new load cell cable to the other end of the Load Cell Cable Coupling.
4. The old load cell cable can easily be removed and the new load cell cable installed at the same time by pulling on the opposite end of the old load cell cable to remove it from the conduit and in the process pulling the new load cell cable through the conduit.



NOTE: After installing the new load cables, clean the fittings on the load cell and the load cell cable connector with electrical contact cleaner, and then apply dielectric grease to the load cell cable connector before inserting it into the fitting on the load cell. Note that Dielectric grease is available from the Cardinal Parts Dept., CPN: 6050-3056.

5. Insert the load cell cable connector into the load cell fitting, and *hand-tighten* the connector. Figure No. 2.

NOTE: Push and pull on the cable to ensure it does not move in and out of the fitting. If it moves, hand-tighten the cable connector additional turns until the cable no longer moves in and out of the fitting.

6. Place the pawl of the SmartCell® Cable Pawl from the TorqueFix Wing Screwdriver Handle onto the knurled portion of the cable connector as shown in Figure No. 2.
7. Now, using the TorqueFix Wing Screwdriver Handle, continue to tighten the cable connector until a “clicking” sound is heard, indicating the proper torque has been applied to tighten the cable connector.
8. Repeat steps 6 and 7 for the remaining load cell cable connectors.



Figure No. 2

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