

Field installation

A controlled six-foot armored cable replacement

1

01 / Identify

Read the complete 16710-06 marking and match the maintenance record before disconnecting the old cable.

2

02 / Stabilize

Place the connected machine and monitor channel in the approved maintenance state.

3

03 / Record

Photograph or record sensor plug, cable route, lug assignments and shield termination.

4

04 / Fit

Inspect the three-socket plug, route armor without crushing, and land lugs on documented terminals.

5

05 / Prove

Restore the channel in a controlled sequence and retain the observed response.

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Pre-installation gates

Confirm each cable-specific interface

1

Identity gate

The replacement label must read 16710-06, not another 16710 length.

2

Route gate

Check that the six-foot path reaches both approved connection points without strain.

3

Sensor gate

Check the documented compatible accelerometer and three-socket mating connector.

4

Terminal gate

Record every conductor and shield connection before removing the existing lugs.

5

Condition gate

Reject damaged armor, crushed cable sections or compromised connector contacts.

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Connection and acceptance

Preserve the as-found signal path

1

Isolation

Follow site procedures for the machine, monitor and connected electrical circuits.

2

Connector mating

Seat the three-socket plug evenly without using the cable as a lever.

3

Cable support

Secure the armored run so vibration and movement do not load the contacts.

4

Lug landing

Restore each conductor and shield from the approved terminal schedule.

5

Channel response

Check diagnostics and a controlled sensor-signal response before return to service.

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Handover record

Release only after exact-match and functional checks

1

Installed article

Record 16710-06 and its physical markings in the maintenance log.

2

Connection proof

Retain the sensor mating, lug and shield check results.

3

Functional proof

Record monitor status and measured response under the approved test.

4

Related pages

The pages below help navigate adjacent parts; none proves a drop-in substitution.

Manufacturer evidence: Baker Hughes / Bently Nevada, 330400 and 330425 Accelerometer Datasheet 141638; 177230 Seismic Transmitter Datasheet 177232, 16710 armored cable ordering tables.

Related Apter Power product pages / navigation only

[Bently Nevada 16925-15](#)

[Bently Nevada 330400-02-CN](#)

[Bently Nevada 84661-6](#)

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