

Service Bulletin

MODEL(S)	TWC15
PART NUMBER(S)	6430015-()
DESCRIPTION	Wireless Charging Port, Triple Coil
TOPIC	Modification (“MOD”) 1
PURPOSE	Charging Improvement
RELEASE DATE	October 2, 2023

APPLICABILITY

This Service Bulletin is applicable to the TWC15 Series of Wireless Charging Ports, part numbers 6430015-(), manufactured by Mid-Continent Instrument Co., Inc. (dba True Blue Power and Mid-Continent Instruments and Avionics). These updates are to be performed **ONLY** by authorized personnel per the instructions as listed in this Service Bulletin. Units with this modification are available for sale from the manufacturer.

As the modification applies to the series, all TWC15 units may be marked with MOD 1 on the nameplate; however, the changes associated with this Service Bulletin will only be available on one configuration: part number 6430015-3. This change will not be implemented for all other configurations, regardless of a MOD 1 marking.

PURPOSE

The TWC15 charger, part number 6430015-3 has implemented a minor hardware change improving inconsistent performance within the full charging field for certain mobile devices.

EFFECTIVITY: VOLUNTARY

TWC15 part number 6430015-3 in the field with a serial number of A23-xxxxx (January 2023) or prior are not affected and do not require this update. Fielded units with part number 6430015-3 and having serial numbers between B23-xxxxx and J23-xxxxx (February 2023 through September 2023) are eligible for the upgrade with this MOD 1 change as described.

Following the release date of this Service Bulletin and beginning with all serial numbers of K23-xxxxx or later, all part number 6430015-3 units marked as MOD 1, including those newly manufactured by True Blue Power and marked as such, shall include the changes as described herein.

DESCRIPTION

The following list describes the changes incorporated in this TWC15 modification.

RESOLUTIONS

1. Modifications have been made to the values of currently existing components within the TWC15 (part number 6430015-3) wireless charger printed circuit board
This improves inconsistent performance within the full charging field for iPhone® 12 and newer mobile phone models.

ESTIMATED MANPOWER

None. Not available for field update.

WEIGHT AND BALANCE

No change

ELECTRICAL LOAD DATA

No change

CERTIFICATION

This Service Bulletin represents a minor change to the previously approved Technical Standard Order Authorization for the TWC15 series of Wireless Charging Ports.

OTHER PUBLICATIONS AFFECTED

None.

ACCOMPLISHMENT INSTRUCTIONS

The action required by this Service Bulletin cannot be performed in the field and must be returned to True Blue Power. Coordinate with your True Blue Power Sales representative for a replacement.

If returning TWC15 unit(s) with part number 6430015-3 and within the affected Serial Number range to True Blue Power:

Call True Blue Power sales department for a Return Material Authorization (RMA) at 316-630-0101.

Return address: True Blue Power
9400 E. 34th Street N.
Wichita, KS 67226