

DATA SET 601-TYPE TRANSMITTER—RECEIVER INSTALLATION AND CONNECTION

1. GENERAL

1.01 This section provides instruction for installing and connecting the Data Set 601-type. Information concerning the business machine equipment associated with the data set is not included.

1.02 This section is reissued to clarify the use of the mounting cords and to provide the proper code for the 2012B-61 transformer and change the code of the printed wiring board from equipment to apparatus.

1.03 The descriptive maintenance and test information is contained in appropriately key-numbered sections in the 596-010 series.

1.04 The Data Set 601-type is designed for the transmission or reception of telewriting analog signals on the Direct Distance Dialing (DDD) Switching System. The data sets are coded in the following manner:

DATA SET CODE	DIAL	FILTER CODE
601A	ROTARY	597A
601B	ROTARY	610A
601A1	ROTARY	597A
601B1	ROTARY	610A
601A2	TOUCH-TONE®	597A
601B2	TOUCH-TONE	610A

1.05 For detailed operation, refer to CD- and SD-1D008-01.

2. INSTALLATION

2.01 Locate data set adjacent to the associated business machine within the limit of the cord supplied by the customer.

2.02 For general information concerning installation of the data set, refer to standard practices covering station sets installation entitled Data Sets—General Installation Information (590-010-200). Usual tests for satisfactory speech level and ringer operation should be made.

2.03 To avoid interference during data transmission, the following restrictions apply to the data line where practicable.

- Use only on individual lines.
- Do not connect extension telephones.

2.04 Do not connect to lines requiring A lead control, such as 1A1 key telephone system.

2.05 If possible, the telephone line should not be in the same run with the cable between the data set, the customer business machine, or telewriting equipment. When this requirement cannot be met, the telephone line designated as the data line must be in a shielded wire between the data set and the cable distribution terminal, or the building entrance. Use SK station wire or equivalent. Follow proper grounding practices for shielded wire.

2.06 A 105- to 125-volt 60-Hz ac receptacle is required for the operation of the 2012B-61 transformer. This receptacle must be on a circuit that is not controlled by a switch.

- The resistance of the wire between the transformer and the data set connecting block should not exceed 10 ohms (approximately 200 feet of inside wire or cable).

2.07 Verify that the overall facilities have been tested and meet the transmission requirements specified in the section entitled Data Systems On Direct Distance Dialing (DDD) Network—DATA-Phone* Services—Transmission Requirements DATA-PHONE Subscriber Lines (314-205-500).

*Service Mark of American Telephone and Telegraph Company.

3. CONNECTIONS

3.01 Connect the data set as shown in Fig. 1.

3.02 Mounting cord D10P-61 (Fig. 1) is used with Data Sets 601A1, 601B1, 601A2, and 601B2.

Mounting cord D10H-61 (Fig. 1) is used with Data Sets 601A and 601B which have been manufacture discontinued.

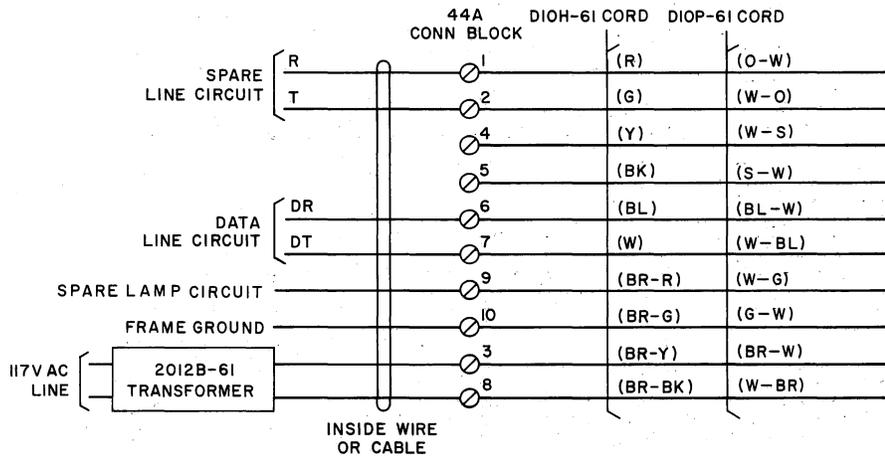


Fig. 1—Data Set 601-Type Connections