

TELEPHONE SETS 500 SERIES SUPPLIES

1. GENERAL

1.01 This section provides a list of replacement parts and supplies for 500 series telephone sets. The types of sets included are 500, 501, 502, 510, and 511.

1.02 This section is reissued to convert it to letter size and to incorporate material from the addendum in its proper location. In the process of this conversion, marginal arrows have been omitted.

1.03 Only current standard parts adapted to satisfactory field replacement are covered.

1.04 Telephone sets in the 500 series are also listed.

1.05 Colored 500-series sets and parts are listed in Part 3 of this section.

1.06 Parts with "P" numbers appear in the list in alphabetical order according to their commonly used names. When ordering such an item, however, the "P" number should be listed first. For example, under Card, Instruction, the correct listing is **P-348114 INSTRUCTION CARD**. To emphasize this, the correct listings for ordering purposes are in bold face type.

2. REPLACEMENT PARTS AND SUPPLIES

2.01 **BLANK, APPARATUS** **95B-3**: Used in place of dial on manual 500-series telephone sets. Super-seues 95A.

BRACKET **44A**: To mount 7-type buzzer and 152A condenser in place of standard ringer. Mounting screws and two leads furnished.

Cap, Lamp **P-17A120 LAMP CAP ASSEMBLY**: For dial light on 500H telephone set.

CAPACITOR **KS-13814 LIST 7**: For radio signal suppression in 500 series sets, see Section C32.537, 500- and 501-Types, Installation.

Card, Instruction **P-348114 INSTRUCTION CARD**: Instructions to subscriber for controlling ringer volume.

P-13A722 INSTRUCTION CARD: Instructions to subscriber for replacing lamp in 500H telephone set.

CONDENSER **152A**: For use with 7-type buzzer to suppress interference with radio.

CORD* (Handset) **H4BF-3**: For G1A-3 handset.

CORD* (Mounting) **D3BB**: For 500A/B, C/D, E/F, J/K, and 501A/B, C/D, F. and J/K telephone sets.

D4AS-3: For 500L/M and 510A/B telephone sets.

D6S-3: For 500H, 502A/B, and 510E/F telephone sets.

D10E-3: For 511A/B telephone sets.

*Only commonly used cords are listed here. For retractile or extra length cords, see Section C36.101 (C63.701), Station Cords.

Cover (Switch) **P-347341 SWITCH COVER**: Plastic dust shield for line switch (switch-hook) contact spring assembly.

DIAL **7D-3**: Replacement dial for all 500 series telephone sets covered here except 500H.

7C-3: Has a lucite fingerwheel. Used on 500H telephone sets.

Gasket **P-347300 RING ASSEMBLY**: Gasket used between dial number plate and housing of 500 series telephone sets.

Holder, Station, Card **P-298106 STATION NUMBER CARD HOLDER**: This assembly is used to hold and attach station number card to dial or apparatus blank.

Housing* **P-339690 HOUSING ASSEMBLY**: For 500A/B, C/D, J/K, L/M; 501A/B, C/D, J/K.

P-13A232 HOUSING ASSEMBLY: For 500H.

P-19A420 HOUSING ASSEMBLY: For 502A/B.

P-19A416 HOUSING ASSEMBLY: For 500E/F and 501F.

P-339919 HOUSING ASSEMBLY: For 510A/B and E/F.

P-19A418 HOUSING ASSEMBLY: For 511A/B.

*Each housing assembly listing includes housing, plungers, hand-hold cover, and hand-hold cover mounting screw.

LAMP, MAZDA	GE NO. 46: Miniature lamp for dial light on 500H telephone set.	SET, TELEPHONE	500C (manual), D (dial): General purpose, common battery, nonpolarized ringing.
PAD, FRICTION	KS-8035: To cover worn feet on base plate.		500E (manual), F (dial): Equipped with plunger switch to avoid party line interference.
Plunger	P-11A943 PLUNGER: Regular plunger for all 500-, 501-, and 510-type telephone sets except 500E/F and 501F. P-340557 PLUNGER: Roundheaded plunger for 500E/F-, 501F-, 502-, and 511-type telephone sets. P-348061 PLUNGER: Fingerhold plunger for 500E/F-, 501F-, 502-, and 511-types. Operates associated switch.		500H: Equipped with dial light. 500L (manual), M (dial): Has four-conductor mounting cord. Ringer in set bridged externally. 500P: Equipped with dial light. Replaces 500H.
RESISTOR	KS-13491 LIST 1: A 1-watt, 39-ohm resistor for use across transmitter in noisy locations. See Section C32.537, 500- and 501-types, Installation.		501C (manual), D (dial): Common battery tube set for polarized ringing. 501F (dial only): Same as 501D except equipped with plunger switch to avoid party-line interference.
RINGER	C4A: For replacement of C2-, C3-, or C4-type ringers. Furnished with P-339769 mounting-screw assembly and P-43A254 gong-screw and lock-washer assembly.		502A (manual), B (dial):* Has exclusion switch and external circuit control for 1A1. For single line only. 510A (manual), B (dial):* Two-line pickup or single line with push-button signaling. 510E (manual), F (dial):* Two-line pickup with push-button signaling.
Screw	P-174074 SCREW: A self-tapping screw used in place of P-43A119 screws when threads are stripped at network terminals. P-467742 SCREW: Special captive screw used to fasten housing to base.		511A (manual), B (dial):* Provides two-line pickup, push-button signaling, and exclusion.
SET, HAND	G1A-3: For 500 series telephone sets. Contains the following parts: P-347266 CUP ASSEMBLY: Equipped with spring contacts for transmitter unit and P-249778 SCREWS. P-349532 RECEIVER CAP P-349533 TRANSMITTER CAP P-339616 HANDSET HANDLE RECEIVER UNIT, U1: Furnished with P-249778 SCREWS. TRANSMITTER UNIT, T1		Note: All telephone sets shown above may be equipped with retractile handset cords. Sets so equipped will have the suffix R added to the telephone set code. For example, a 500E-3 telephone set equipped with a retractile handset cord will be coded 500ER-3. Sets ordered with the suffix R will be equipped with retractile handset cords when received.
			501C (manual), D (dial): Common battery tube set for polarized ringing. 501F (dial only): Same as 501D except equipped with plunger switch to avoid party-line interference. 502A (manual), B (dial):* Has exclusion switch and external circuit control for 1A1. For single line only. 510A (manual), B (dial):* Two-line pickup or single line with push-button signaling. 510E (manual), F (dial):* Two-line pickup with push-button signaling. 511A (manual), B (dial):* Provides two-line pickup, push-button signaling, and exclusion.
			*Only basic features are given. See table in Section C32.540, Description and Use covering these sets for optional feature combinations.
		Spring	P-340560 SPRING: A retaining spring used to fasten plunger switch or exclusion switch to its mounting bracket in 500E/F, 501F, 502A/B, or 511A/B telephone sets.
		TUBE, VACUUM	426A: A 3-element, inert gas-filled tube used in ringing circuit of 501-type telephone sets. P-43A106 SCREW is furnished for mounting. 425A: A 4-element tube used in place of 426A tube under conditions of excessive power induction. See Section C63.271, Line and Ringer Connections.

3. COLORED SETS AND PARTS

3.01 The 500C and D and the 501C and D plastic telephone sets are made in eight full colors and eight two-tone colors. The colors, color codes, and housing piece-part numbers are listed below.

<u>Color</u>	<u>Full Color Code</u>	<u>Two-Tone Color Code</u>	<u>Housing</u>
Ivory	-50	-50A	P-13A385
Green	-51	-51A	P-13A386
Gray	-52	-52A	P-13A387
Red	-53	-53A	P-13A388
Brown	-54	-54A	P-13A515
Beige	-55	-55A	P-13A516
Yellow	-56	-56A	P-13A517
Blue	-57	-57A	P-13A518

3.02 The 500P telephone set (equipped with dial light), which supersedes the 500H set, will also be available in eight full colors. The colors, color codes, and housing piece-part numbers are listed below.

<u>Color</u>	<u>Full Color Code</u>	<u>Housing</u>
Ivory	-50	P-18A299
Green	-51	P-18A300
Gray	-52	P-18A301
Red	-53	P-18A302
Brown	-54	P-18A303
Beige	-55	P-18A304
Yellow	-56	P-18A305
Blue	-57	P-18A306

3.03 The 502A and B and the 510A, B, E, and F telephone sets are available in four full colors and three two-tone colors. The colors, color codes, and housing piece-part numbers are listed below.

<u>Color</u>	<u>Full Color Code</u>	<u>Two-Tone Color Code</u>	<u>Housing</u>
Ivory	-50	-50A	P-14A638
Green	-51	-51A	P-14A639
Gray	-52	-52A	P-14A640
Brown	-54		P-14A642

3.04 The 511A and B telephone sets are available in four full colors and three two-tone colors. The colors, color codes, and housing piece-part numbers are listed below.

<u>Color</u>	<u>Full Color Code</u>	<u>Two-Tone Color Code</u>	<u>Housing</u>
Ivory	-50	-50A	P-14A872
Green	-51	-51A	P-14A873
Gray	-52	-52A	P-14A874
Brown	-54		P-14A876

3.05 The items and piece-part numbers listed below are common to all colored plastic hand telephone sets.

Apparatus Blank: 95B—with appropriate color code.

Chrome Cardholder Frame: P-296741.

Cords: Available only in ivory -50, gray -52, and brown -54.

Dial: 7C—with appropriate color code.

Finger Wheel: P-19B524.

Handset: G3A—with appropriate color code.

Number Cord: E-4203, 2 line or E-4204, 3 line.

Transmitter and Receiver Caps:

<u>Color</u>	<u>Transmitter Cap</u>	<u>Receiver</u>
Ivory	P-19B722	P-19B738
Green	P-19B723	P-19B739
Gray	P-19B724	P-19B740
Red	P-19B725	P-19B741
Brown	P-19B726	P-19B742
Beige	P-19B727	P-19B743
Yellow	P-19B728	P-19B744
Blue	P-19B729	P-19B745