

LIST OF "S" SPECIFICATIONS  
TELETYPEWRITER APPARATUS

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 1. GENERAL	
1.01 This listing is only to be used as a refer- ence directory. When referring to part numbers from this listing, prefix each number with the letters "TP".	
1.02 This section is reissued to update the DATASPEED 40, 43 Teleprinter and 4500 type apparatus. Since this reissue is a gener- al revision of the latest product lines, no revision arrows have been used to denote significant changes.	
1.03 In order to allow for longer lines of text, the specification numbers are located on the first line of their associated paragraph. Also, the issue numbers of the specifications are com- bined with the specification numbers (Example: 5642S/2).	
1.04 Information covering the installation and adjustment of certain parts or modifi- cation kits which may be added to teletypewriter equipment is issued by the Teletype Corporation in the form of "S" specifications. A copy of the "S" specification required is packed with each kit shipped from the factory.	

‡ Registered Trademark of AT&TCo.

1.05 In the case of some of the more com-  
monly used modification kits, the adjust-  
ment information has been made available in the  
appropriate Bell System Practices and reference  
to the "S" specifications to secure such adjust-  
ment information is no longer necessary. Despite  
this fact, such "S" specifications are listed herein.

1.06 Additional copies of "S" specifications  
may be obtained through the responsible  
department of the local operating company by  
direct order to the Teletype Corporation.

1.07 Some specification titles contain Teletype  
coding information (identified by \*), this  
is to clarify that specific apparatus not bearing  
Bell System codes are included in this listing.

## 2. LIST OF SPECIFICATIONS

### 2.01 28 TYPE APPARATUS

#### A. Cabinet

5639S/2 — Description, installation, and  
adjustments for the \*AC234 or \*AC240  
cabinet.

5809S/6 — 195837 kit to provide a paper  
supply and accumulating box (28B).

5896S/5 — 160450 kit to accommodate second  
transmitter distributor on \*AC273 or \*AC333  
and 136166† kit to add alternate gate relay  
control.

5930S/4 — 161999, 164091, and 164092 kits  
to provide end enclosures.

5964S/6 — 161678 kit to permit use of 28B  
typing reperforator base in 28A-2, 28A-3, and  
28A-4 cabinet.

5982S/5 — 146320, 164925, 164926, 193659,  
and 304375 kit provides paper winding facili-  
ties for page printer in apparatus cabinet.

50008S/1 — 173478 or 173479 kit to add tape  
grid or container for tape wound in figure 8  
pattern (universal cabinet).

50033S/2 — 176139 kit to provide ball bearing  
slides in 28A or 28B cabinet, housing two  
reperforator transmitter sets.

50070S/4 — 176544 kit to provide front  
enclosure of receiving cabinet (\*LBAC).

50079S/3 — Installing cabinets \*LBAC233,  
235, 241, and 248 to provide housing and  
mounting facilities for typing and send-receive  
units.

†Canceled

## 2.01 28 TYPE APPARATUS (Contd)

## A. Cabinet (Contd)

50092S/3 — 179369 kit to provide copy display rack on certain typing units in certain cabinets.

50194S/1 — 195656 kit to add auxiliary cable and terminal strip for selective calling typing unit in certain cabinets.

50197S/1 — 195613 kit to provide a paper guide rod which routes the printed copy from the platen of the typing unit to a paper winder at the rear of the typing unit in cabinets, for multiple-mounted page printers.

50236S/1 — 197941 kit when installed on apparatus cabinet equipped with a suspended form accumulating shelf will prevent the unit from tipping backwards under overload conditions.

50244S/3 — 198310 kit to provide typing unit 28B-2 with form supply and accumulation shelves in cabinet \*LBAC249.

50257S/1 — Installing cabinet \*LBAC249 to provide housing and mounting facilities for receive-only sprocket feed page printer sets (28B-2).

50380S/1 — 306983 kit to provide shock mounting for copylight lamps of 28LA cabinet.

50388S/2 — See 2.01 S.

50427S/2 — 315841†, 315844†, 315847†, and 315850 kits to add latches to the \*LBAC242, 243, 248, and 250 cabinets.

50490S/2 — 323705 kit to provide forced ventilation for cabinet.

50682S/3 — 327742 kit to provide vacuum chad disposal for nine reperforators (\*LBAC252).

## B. Electrical Service Unit

5662S/7 — 152021 or 152624 capacitor resistor assembly for 28A unit, and 152328 parts to convert 152021 to 152624 assembly.

†Canceled

5664S/9 — 151822 or 152623 line relay mounting assembly for 28A, 28B units, and 152326 kit to convert 151822 to 152623 assembly.

5701S/5 — 152744 or 152625 line-test key assembly for 28A, 28B units, respectively, and 152325 kit to convert 152744 to 152625 assembly.

5706S/8 — 151400, 153040, 152336, or 153251 electrical motor control assembly for 28A, 28B units, respectively; 153923 parts to convert 151400 to 153040 assembly; and 152329 kit to convert 151400 to 153251 assembly.

5774S/2 — 152330 line pad resistor kit for 28B unit.

5776S/1 — 154747 kit for use with 28E or 28B typing unit equipped with the 153911 continuous spacing kit or the 154733† manual function selector mechanism kit.

5779S/2 — 152332 relay motor control assembly on 28B unit.

5887S/3 — 179472 kit to provide a transmitter control device, specific equipment.

5962S/1 — 164345 kit to provide 28B or 28E unit with terminal blocks, signal bell, and table mounting facilities.

5995S/1 — 173724 kit to install 152750† cable in unit having 1-1/2 inch diameter hole at each end.

50042S/5 — 177015 kit to add 177010† selector magnet driver to 28B or 28E unit.

50060S/8 — 178345† kit (used with 178343 and 178344 kits) to provide an answer-back mechanism.

50152S/3 — 179953 kit to convert the 160334 transmitter control device to the 179472 transmitter control device.

50271S/1 — 198366 kit to add resistance for 115 V dc 50 mA synchronous pulse operation of a ASR set when external pulsing is not used.

50467S/1 — 321088 kit to provide audible and visual alarm to table mounted RO set (28AF).

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2.01 28 TYPE APPARATUS (Contd)

C. Keyboard

5765S/8 — See 2.01 S.

5766S/10 — 152918 (early design), 154146, or 199999 kit to provide local backspace mechanism.

5819S/9 — See 2.01 I.

5954S/8 — 164502 kit to provide ASR with an end-of-message character generator; and kit 173122 to eliminate interference between components of kit 164502 and codebar reset bail 162308.

50047S/14 — Kits to provide synchronous pulsed transmission.

50088S/1 — 176405 kit to add tape backspace switch and keytop assembly (ASR).

50104S/2 — 179630 kit to provide print suppression switch on KSR keyboard.

50131S/2 — 195022 kit to convert sets with keyboards 28R to conform to \*VSL245; kit 195023 to make sets with keyboard 28G compatible with \*VSL245 sets; and kit 195036 to provide line relay and line shunt relay for auxiliary typing reperforator.

50203S/3 — 195154 kit to provide three-speed gearshift on ASR sets.

50285S/1 — 176395 kit to provide lockbar reset for the answer-back on KSR or ASR sets.

50360S/3 — 305053 kit to convert ASR keyboard 28R to 28B-1.

50361S/2, Add. 1 — 305052 kit to convert keyboard \*LK16 ARC to \*LK50 ARC.

50369S/1 — 149896 kit to adapt 152916 or 154145 local reverse line feed kit for use with 195154 (KSR and RO) or 195415 (ASR) three-speed gearshift kits.

50385S/2 — 199361 kit to provide ground strap from ASR keyboard base to the cabinet.

50400S/1 — Instructions for the keyboard with photoelectric signal generator.

50442S/1 — 320236 kit to convert 7.42 unit code KSR keyboard with certain distributor unit for 7.00 unit code, 80.5 baud operation. Gears to change certain typing unit for 80.5 baud operation are also included in the kit.

50451S/2 — 311728 kit to provide three-speed gearshift for KSR or RO set.

50452S/3 — 317202, 325904, and 325905 kits to provide three-speed gearshift on ASR sets.

50475S/5 — 309511 kit to provide a universal keyboard switch on late design Model 28 units.

D. Miscellaneous

5875S/2 — Instructions for installing and adjusting reperforator-transmitter set.

5881S/6 — 159398 kit to modify RO set by adding indicator lights, transmitter control feature, mounting rack, auxiliary cable assembly, terminal board, and convert the line relay.

5919S/2 — Instructions for installing typical send-receive typing reperforator set and receive-only typing or nontyping reperforator set.

5940S/4 — Instructions for installing motor and 28G transmitter distributor unit which has been adapted for mounting on 28K transmitter distributor base.

5957S/1 — Installing and adjusting Reperforator-Transmitter (RT) sets.

50010S/4 — General instructions for installing monitoring or receiving set components consisting of typing or nontyping reperforators, motor units, bases, tape winders, and apparatus cabinet.

50011S/2 — Instructions for installing the self-contained 28G transmitter distributor base to mount 28G transmitter distributor, motor, mounting, and cover assembly.

50016S/2 — Instructions for installing 28E through 28H transmitting set components consisting of transmitter distributor units, motor unit, 28J or 28K multiple-mounted transmitter distributor base, and 28A-5 apparatus cabinet.

50063S/1 — Installing the comlognet automatic send-receive set.

## 2.01 28 TYPE APPARATUS (Contd)

## D. Miscellaneous (Contd)

50065S/6— 178316, 178343, 178345†, and 178346 kits to equip ASR sets with answer-back mechanism.

50074S/1 — Installing receive-only typing reperforator set and \*TW16 tape winder on a \*LT206 table.

50076S/3 — Installing and adjusting compact receive-only typing reperforator set (\*VSL508).

50110S/3 — 179473 and 179670 kits for cradle immobilization of automatic send-receive sets (with 28E or 28H, or 28F or 28G transmitter distributor unit) less typing unit, during shipment.

50122S/5 — Kits to convert from 7.42 unit code to 7.00 unit code with and without synchronous pulsed transmission and 45.5, 50, and 75 baud speeds.

50138S/5 — Kits to convert teletypewriter equipment from 7.00 unit code to 7.42 unit code and 60, 75, 100 wpm (using 194263, 194264, 194265, 194266, 194895 kit) or 60, 67, 100 wpm, 45.5, 50, 74.2 baud (using 199913, 199914†, 199915 kit) speeds.

50170S/5 — Instructions for installing the wall-mounted teletypewriter set.

50173S/1 — 193646 kit to convert a KSR selective calling set equipped with stunt box arrangement "AFQ" (or other "AN" based arrangement) for "TASP" 60 wpm only.

50203S/3 — 195154 kit to provide three-speed (60, 67, 100 wpm) gearshift on ASR set.

50204S/3 — 195415 kit to provide three-speed (60, 67, 100 wpm) gearshift on KSR or RO sets.

50205S/1 — 195528 kit to blind 177010† or 178601 electronic selector magnet driver.

50214S/2 — 174211 to provide magnet release contact for transmitter unit \*LX1.

50241S/2 — 194086 kit to provide selective calling feature for wall-mounted teletypewriter set.

50262S/2 — Format generator for ASR set.

50430S/1 — General instructions and description for the ASR set (\*VSL513).

50456S/3 — 323000 or 323001 kit to provide a special selector assembly (107 wpm) for receiving units.

50457S/2 — Kits 312983 through 312990 and 315854 to convert from 7.42 unit code to 7.00 unit code 75 baud operation.

50606S/1 — 321474 kit to equip early design keyboard perforators with improved clutch trip mechanism.

50664S/1 — 321582 kit to provide a mounting shelf for the single reel tape winder on the upper left side of a ASR set.

50665S/1 — 321583 kit to provide a mounting shelf for a single reel tape winder on ASR set.

50981S/1 — 348041, 348042, 348043 and 348044 kits applied to arrangements of the "ARE" keyboard, "RE" type box, "AEY" stunt box and LPR 50 to connect 28-type apparatus to International Civil Aviation Organization (ICAO) standards.

51038S/1 — 181180 kit to provide a 310290 fan replacement set of parts in the DMT and LCXB806 units.

51066S/1 — 180120 kit to provide a fan replacement set of parts for 181151 and 182181 fans. This kit applies to Model 32, Model 33 types, answer-back units LABD and 198401.

†Canceled

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2.01 28 TYPE APPARATUS (Contd)

E. Motor

50233S/2 — 174546, 174551, or 175198 kit to provide indication of reperforator motor failure in low-to-high speed RT set, high-to-low speed RT set, or high speed punch in cabinet, respectively.

50376S/1 — 198693 kit to convert certain series governed motor units to include heat reducing feature; 304739 kit to convert certain series governed motor units to include radio frequency filtering and heat reducing feature.

50654S/3 — 330982 kit to convert motor unit to triac control.

50677S/1 — 333200 kit to simplify the coupler adjustment of the 173518 kit.

F. Perforator Transmitter Base

5534S/16 — 159363, 170196, 172640, 178697, 178698†, 178917 kits provide manual backspace (170196 and 178697 kits also provide power drive) for perforators and reperforators; 159364, 161304, and 162245 kits provide power drive for manual backspace mechanisms (159363, 172640, and 178917); 161828 kit allows the power backspace (159363 plus 159364) to operate when noninterfering blank tape feed-out (198070) is present on the same unit; and 160881 and 178918 kits provide a cover for backspace mechanisms on perforators and reperforators, respectively.

†Canceled

5886S/6 — 159379, 159380, 162273, 162274, or 163945 code reading contact kit and 159381, 159382, or 194167 auxiliary timing contact kit.

5892S/8 — 154142 (28D and up) or 162731 (ASR) time delay mechanism kit.

5909S/4 — 162375 unshift-on-Space, 192779 unshift-on-T, 193669 unshift-on-Blank kits.

5947S/2 — 163775 kit to provide space-repeat mechanism.

5972S/11 — 164077 kit provides an electrical switch which can be used under any or all keys in the base.

5979S/5 — 173338 kit to add needle bearings and associated improved parts for perforator function clutch assemblies.

5994S/2 — 154351 kit to provide improved codebar reset bail on the (28A, 28B, 28D through 28G, and 28G-1) base.

50006S/3 — 172945 kit to provide an answer-back mechanism on the (28A, 28B, 28D through 28G, and 28G-1) base.

50015S/3 — 174491 kit consisting of a radio frequency filter assembly for signal generator contacts.

## 2.01 28 TYPE APPARATUS (Contd)

## F. Perforator Transmitter Base (Contd)

50029S/1 — 176138 kit to provide a typing perforator with a resilient print hammer.

50034S/2 — 174475 kit to provide print suppression for typing perforator equipped with a resilient print hammer or the later version of the steel hammer.

50080S/4 — 178728 kit to provide an improved character counter (28A and up).

50103S/2 — 178490 kit to prevent keyboard lockup when switching the control knob rapidly from tape (T) to keyboard (K) position while simultaneously operating the repeat character mechanism.

50121S/3 — 193802 kit to provide perforator trip delay mechanism.

50159S/1 — 147127 kit to add a shield for the auxiliary pushbuttons on the keyboard portion of a 28LA base.

50188S/3 — 194992 kit to provide a tape guide for perforators and typing and nontyping reperforators.

50475S/5 — 309511 kit to provide a universal keyboard switch on late design Model 28 units.

## G. Reperforator-Transmitter Stand

50106S/2 — 172681 kit to provide tape bin full alarm and reperforator-transmitter stand.

50225S/2 — 179746 kit to provide molded pulley and gear for high speed reperforator-transmitter stand.

50326S/1 — 193230 kit for 48 volt power supply (\*LTHS213).

## H. Reperforator-Transmitter Unit

50188S/3 — 194992 kit to provide a tape guide for perforators and typing and nontyping reperforators.

## I. Teletypewriter Base

5657S/7 — 154141 or 164494 kit to provide an electrical signal line break mechanism for neutral transmission and polar transmission.

5661S/6 — 152338 time delay mechanism (for 28B, 28B-1, or 28C base).

5726S/2 — 151934, 152904, 152905, or 152906 kits to convert keylever arrangement from type A (ARA) to type C (ARC) and from type C (ARC) to type D (ARD), type B (ARB), or type A (ARA).

5737S/6 — 152911 or 152344 kit to provide a signal line-break mechanism 28B base.

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2.01 28 TYPE APPARATUS (Contd)

I. Teletypewriter Base (Contd)

5757S/5 — 153921 kit to add 28A or 28D distributor to 28B, 28B-1, or 28C base, and 173142 kit to add 28A or 28D distributor to 28D and up base.

5795S/5 — 152334 (for 28B, 28B-1) or 154147 kit (for 28A, 28B, 28D through 28G) to provide local paper feed-out motor start mechanism on base.

5796S/2 — 152333 or 154726† kit to provide an electrical signal line-break mechanism.

5819S/9 — 173518 kit to provide external control series governed motor.

5868S/2 — 159391 kit to equip 28C base for blinding associated apparatus and 159392 kit to equip 28C base with an electrical send-receive-break mechanism.

5892S/8 — 154142 (28D and up) or 162731 (ASR) time delay mechanism kit.

5941S/6 — 161868, 161869, or 164108 kit to reduce the noise level of ASR sets.

5947S/2 — 163775 kit to provide space-repeat mechanism.

5948S/6 — 162641 or 163359 kit to provide variable speed drive.

5972S/11 — 164077 kit to provide an electrical switch which can be used under any or all keys in (28D and up) base (KSR).

5994S/2 — 154350 kit to provide improved codebar reset bail on 28D or 28E base.

50006S/3 — 172945 kit for 28D and 28E bases to provide an answer-back mechanism.

50015S/3 — 174491 kit consisting of a radio frequency filter assembly for 28D and up bases.

50030S/3 — 164998 kit to equip 28D and up base with a pulsing contact for blinding an associated piece of apparatus or the signal generator on the base and 162224 kit to equip 28D and up base with an electrical send-receive-break mechanism.

†Canceled

50039S/9 — 174176 kit to provide 28D and up base (send-receive) with upper case "D" answer-back mechanism; 176272 kit provides answer-back operation on sequential FIGS "C".

50060S/8 — 178345† kit (used with 178343 and 178344 kits) to provide an answer-back mechanism.

50068S/1 — 174216 kit to provide a sequential FIGS C answer-back mechanism on 28A and 28C base.

50112S/2 — 164426 kit to provide the means of engaging or disengaging horizontal tabulation mechanism and 177051† kit for selectively enabling or disabling vertical tabulator and form feed-out mechanism.

50121S/3 — 193802 kit to provide perforator trip delay mechanism.

J. Teletypewriter Cabinet

5148S/19 — Installing the 28 paper winder.

5707S/9 — 160422 kit to equip 28F, 28G, 28H cabinets with a rectifier.

5729S/7 — 152910, 152300, or 179601 kit to provide directory holder on 28A, 28B through 28G, or 28LA cabinet, respectively.

5730S/5 — 159373 kit to provide an apparatus mounting rack.

5736S/9 — 164024†, 173400, or 178897† kit to provide offset copyholder (28A, 28B, 28C).

5739S/2 — 154793 kit to equip console 28C cabinet with vibration mounts.

5757S/5 — 159361 kit to add terminal block assembly to 28B or 28C cabinet.

5775S/5 — 152321† kit for 28A cabinet to provide a copy lighting system that operates on 115 volts dc, and 152310 margin indicator kit.

5792S/17 — 153926 kit to adapt cabinet to handle superfold form stationery.

5805S/3 — 153901 kit to provide mounting facilities for a paper winder.

## 2.01 28 TYPE APPARATUS (Contd)

## J. Teletypewriter Cabinet (Contd)

5809S/6 — 195837 form supply and accumulating box (28B) for 28A or 28B cabinet and 179393 adjustable form guide.

5821S/4 — 152902 kit for 28B, 28C, 28D or 28E cabinet provides a cable and resistor assembly for operating the busy lamp.

5827S/9 — 153920, 154741, or 157352† selective calling kit for 28B through 28G cabinet.

5846S/1 — 154754 kit to add subbase to 28A, 28B, 28F and 28G cabinet to permit stand-up operation.

5847S/5 — 153915, 153918, 153941 and 154758 kits to convert 28B and 28C cabinets from nonselective to selective calling.

5850S/3 — 154756 kit to provide a form-out alarm mechanism on 28B through 28G cabinets.

5853S/8 — 154777 and 159357 kits to provide an incandescent copylight system on 28B, 28C and 28E cabinets equipped with 28B electrical service unit; 159375 kit to convert 154744 or 159357 to 154777 kit; and 164862 kit to provide 6-volt ac margin indicator lamp.

5879S/1 — 160224 kit to add open and busy line indicator lights (KSR).

5880S/2 — Instructions for installing and parts ordering information for the 160335 kit to add control panel to ASR cabinet LAAC206\*\*.

5885S/9 — 160887, 160888, 160889, and 160890 kits installed on 28G or 28F cabinet to permit the use of a transmitter distributor unit; 162235 kit installed on 28F cabinet to permit the use of a transmitter distributor unit and tape winding facilities; and 170272 kit installed on 28G cabinet to permit the use of a dual 28E or 28H transmitter distributor unit.

5908S/6 — 162244 kit for 28G cabinet to provide intermediate tape storage bin to store tape from the perforator until it is ready to be sent through the transmitter distributor, and to provide housing and mounting facilities for \*TW13 tape winder.

5915S/5 — 160387 or 160388 kit on 28G cabinet to provide a relay rack bracket.

5923S/2 — 161306 kit (for 28B, 28C, 28D, and 28E cabinets) and 161307 kit (for 28F and 28G cabinets) to provide a form line guide.

5928S/2 — 161829 kit to mount an electrical service unit to 160387 or 160388 relay rack bracket assembly used with 28F and 28G cabinets.

5929S/7 — 161815 kit to mount an auxiliary 28C typing reperforator base on 28E and up transmitter distributor base, and rear rail of 28F and 28G cabinets.

5941S/6 — 161868, 161869, or 164108 kit to reduce the noise level of ASR sets incorporating 28F and 28G cabinets.

50007S/1 — 173238 kit to provide a ready light.

50044S/5 — 176300 kit to provide a power switch on 28F and 28G cabinets for the auxiliary typing reperforator motor.

50051S/4 — 178387 kit to provide a Chapman static eliminator to neutralize electrostatic charge on the page copy.

50055S/2 — 161814 kit to mount auxiliary typing reperforator base and provide a tape chute (ASR).

50073S/2 — 174458 kit to provide a RO, KSR or ASR cabinet with a paper tearing plate.

50100S/2 — 179416 kit for the 176540† tandem numbering module also, kit 194329 to permit using the cabinet without numbering module (ASR).

50105S/1 — 162629 and 162630 kit to provide a one-piece shaft assembly for the power-control switch and line-test key control switch on 28F, 28G, 28H, and 28LA cabinets.

50110S/3 — 179473 and 179670 kits for cradle immobilization of ASR sets with 28E, 28H, 28F, or 28G transmitter distributor unit, less typing unit.

50144S/2 — 176713 kit on ASR cabinet and the 176714 kit on KSR cabinet to provide a low-paper and paper-out alarm (sprocket feed paper).

†Canceled

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2.01 28 TYPE APPARATUS (Contd)

J. Teletypewriter Cabinet (Contd)

50176S/2 — 194857 kit to provide shelf on left side of ASR cabinet for motor driven or spring driven single reel tape winder.

50189S/1 — 194861 kit to equip ASR set with tape guide to guide the tape from the keyboard to tape winder on left side of the set.

50190S/2 — 193675 kit to equip the apparatus ASR cabinet with two hinged panels in the lower cavity.

50192S/1 — 194859 kit to provide mounting shelf for single reel tape winder or tape unwinder under transmitter distributor unit (ASR).

50198S/1 — 194084 kit to add tape bin between punching unit and transmitting unit of ASR set.

50208S/1 — 145898 kit to add a tape bin to 28LA cabinet for storing tape of a message in transmission.

50210S/1 — 194856 kit to provide shelf on left side of ASR cabinet for single reel rim driven tape winder.

50220S/3 — 197937 kit to provide shock mounting for copylight lamps of the KSR cabinet.

50272S/1 — 195106 kit to provide mounting shelf on left side of ASR cabinet for three reel rim driven tape winder.

50306S/1 — 165668 kit to provide 48 V dc incandescent copylight on 28C cabinet and up.

50314S/3 — 195104 kit to provide mounting shelf on upper left side of ASR cabinet for single reel motor driven tape winder.

50323S/2 — 195107 kit to provide mounting shelf on lower left side of ASR cabinet for single reel motor driven tape winder.

50372S/2 — 151988† or 154651 kit for certain KSR and ASR cabinets to provide electrical noise suppression on power line or signal line.

50385S/2 — 199361 kit to provide ground strap from ASR keyboard base to the cabinet.

50415S/1 — 147720 kit to provide shelf on left side of ASR cabinet for double reel rim driven tape winder.

50425S/2 — 312719 kit to provide forced ventilation for ASR cabinet.

50483S/1 — 323631 kit to add form-out alarm switches to KSR cabinet.

K. Teletypewriter Cover

5797S/4 — 152313 kit to provide vibration mounts (\*LPC202).

5956S/1 — 164332 kit to adapt 28A cover to accommodate superfold form stationery.

5962S/1 — 164331 kit to adapt 28A teletypewriter cover for selective calling.

50149S/1 — 194321 kit to provide a paper guide on the 173916† cover when used with cover equipped with a sprocket feed typing unit.

50195S/1 — 195596, 195597, 195598, and 195599 kits to provide an improved paper exit path for 28A and 28L covers.

L. Transmitter Distributor Base

5927S/3 — 161921 kit to convert 28F base to 28G base, and 161833 kit to convert 28E base to 28H base.

5929S/7 — 161815 kit to adapt 28E and up base to mount a 28C auxiliary typing reperforator in 28F or 28G cabinet.

5941S/6 — See 2.01 N.

5960S/2 — 164480 kit for mounting 28A-2 multiple wire distributor to base.

5981S/3 — 161585 or 163752 kit to provide dummy unit for 28J and 28K multiple mounting base.

5984S/2 — See 2.01 N.

†Canceled

## 2.01 28 TYPE APPARATUS (Contd)

## L. Transmitter Distributor Base (Contd)

50011S/2 — Instructions for installing the self-contained 28G base to mount 28G transmitter distributor, motor, 28G mounting parts, and cover assembly.

50107S/1 — 163714 and 163732 kits to adapt the 163700† or 172663† base assemblies for nonvariable and variable speed.

50174S/1 — 173343 kit to provide multiple wire output facilities on the 28H base.

50234S/1 — 198089 and 198090 kits to provide a new shaft with bearing for use on 28J and 28K bases.

## M. Transmitter Distributor Mounting and Cover Assembly

5939S/14 — See 2.01 N.

50072S/3 — 178956 kit to provide mounting facilities for 5- or 8-level multicontact transmitter distributor unit.

## N. Transmitter Distributor Unit

5836S/5 — 156773 kit for 28E and 28H units to provide timing mechanism to operate in conjunction with horizontal or vertical tabulator mechanism.

5894S/2 — 162462 kit to convert 28E unit to 28H unit.

5939S/14 — 163317 kit to provide multiple wire output facilities on 28H and up mounting and cover assembly.

5940S/4 — 161587 or 174067 kit to adapt 28G unit for mounting on 28K transmitter distributor base; and instructions for installing motor and transmitter distributor unit so adapted.

5941S/6 — 161868, 161869, or 164108 kit to reduce the noise level of ASR sets, incorporating 28F or 28G, 28E or 28H, or 28B units, respectively.

5984S/2 — Instructions for installing 28H transmitter distributor unit on 28J base.

5985S/3 — 164930 kit to provide spark suppression network for contacts of multi-contact 28B, 28C, 28F, or 28G units.

5986S/5 — 163630 tape-out and tape lid switch kit for 28G unit.

5998S/2 — General description, adjustments, lubrication, and parts for edge punched unit.

50002S/1 — 172679 kit to provide tape deflector on 28H unit that is to be mounted on 28J base.

50005S/2 — 162592 kit to provide tape deflector on 28G unit arranged for multiple mounting.

50015S/3 — 174491 kit consisting of a radio frequency filter assembly for signal generator contacts on 28E and 28H units.

50037S/3 — 174195 kit to provide start-stop pulse contacts on unit (28H).

50045S/3 — 164472 kit to provide improved tape lid latch for 28B, 28E, 28F, 28G and 28H units manufactured prior to February 1, 1960.

50046S/1 — 163665 kit to convert 28E, 28F, 28G, and 28H to transmit from 11/16-inch wide 5-level and 7/8-inch wide 5-level tapes interchangeably.

50052S/3 — 178171 kit to replace 158820† casting for 28C, 28F and 28G transmitter distributor units.

50067S/1 — 176264 and 176265 kits to provide a snap-on cover for 28C or 28B transmitter distributor unit used on ASR set, and 28C transmitter distributor unit used on reperforator-transmitter set.

50078S/4 — 174309 kit to convert a 28H unit to 28H-1 unit.

50084S/2 — 178957 kit to add an auxiliary B contact for control of an external circuit.

50095S/2 — 179129 and 179228 kits to provide fully enclosed last character contact on 28C and 28B units.

50184S/4 — 179603 kit to add tape withhold mechanism to 28E, 28H or 28H-5 units.

†Canceled

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2.01 28 TYPE APPARATUS (Contd)

N. Transmitter Distributor Unit (Contd)

50223S/3 — 195442 and 195443 kits to provide 3-speed gearshifts for the transmitter distributor bases.

50235S/1 — 198672 kit to convert certain transmitter distributor units to transmit interchangeably from 1 inch and 11/16-inch 5-unit tapes.

50319S/1 — 199229 kit to provide tight-tape stop mechanism on certain units.

50441S/1 — 312999 kit to provide cover for distributor contacts on double shaft units.

50690S/1 — 311535 kit to provide a 6.6 unit code camshaft (\*LXD11).

O. Typing and Nontyping Reperforator and Perforator Units

5534S/16 — See 2.01 F.

5772S/9 — 198070 kit to provide noninterfering blank tape feed-out on 5-level, single-shaft typing or nontyping reperforator units.

5878S/6 — 159360 and 162242 kits to add signal bell contacts on 28A and 28B typing reperforators.

5886S/6 — 159379, 159380, 162273, 162274, or 163945 code reading contact kit and 159381, 159382, or 194167 auxiliary timing contact kit.

5889S/8 — 161340 or 174457 kit to provide for manual or external manual interfering LTRS tape feed-out, respectively; and 161341 or 162432 kit to add solenoid operation to the LTRS feed-out mechanism on typing reperforator with or without a 36-point connector.

5905S/5 — 161321 or 162247 LTRS-FIGS contact kits provide a remote signal indication of the LTRS or FIGS position on the typing reperforator not equipped or equipped with a 36-point connector plug.

5909S/4 — 162375 unshift-on Space, 192779 unshift-on-T, 193669 unshift-on-Blank kit.

†Canceled

5926S/2 — 159377 kit to provide a single-speed drive for the RO typing reperforator set.

5945S/11 — 162379 or 163347 kit to provide automatic noninterfering LTRS tape feed-out on typing or nontyping reperforator.

5952S/4 — 164506 kit to provide multiple-mounted function blade operated contacts on typing reperforator.

5955S/1 — 164402 universal function blade for typing reperforator, instructions for coding.

5971S/8 — 164564 kit to convert typing or nontyping reperforator and RO base to produce fully perforated tape (straight feed only); 174149† kit for 7/8-inch wide fully perforated tape (having a top margin for printing) and 174353 kit for 7/8-inch wide fully perforated tape (having a bottom margin for printing).

5974S/2 — 162924 kit to add auxiliary cams and contacts.

5979S/5 — 173336 or 173339 kit for installing needle bearings and associated improved parts for function clutch assemblies on perforators and reperforators.

50001S/10 — 164272 and 170306 kits to provide chad disposal for auxiliary reperforator and keyboard reperforator, respectively; 164405 and 195391 kits to provide chad container for the auxiliary and/or keyboard reperforator; 345728 kit to replace the 164725 and 164725 chad chute extensions; 345729 kit to replace the 164278 chad chute extension.

50029S/1 — 176138 kit to provide a resilient print hammer.

50034S/2 — 174475 kit to provide print suppression for typing reperforator equipped with a resilient print hammer or the later version of steel hammer.

50038S/7 — 178834 kit to provide a typing reperforator with fully perforated tape, power retract punch pins, and printing between feed holes.

50041S/4 — See 2.01 S.

## 2.01 28 TYPE APPARATUS (Contd)

## O. Typing and Nontyping Reperforator and Perforator Units (Contd)

50043S/6 — 173443 and 176628 kits to provide remote control noninterfering LTRS tape feed-out mechanism on typing or nontyping reperforators. (Not for use in ASR set or the RT set.)

50054S/3 — 176621 kit to provide end of feed-out timing contact and the 195004 kit to provide feed-out contact.

50058S/6 — 179133 Blank-delete kit.

50059S/5 — 162380 kit to provide remote control noninterfering blank tape feed-out on typing and nontyping reperforators.

50086S/7 — 164341 and 176542 kits to provide chad disposal for the typing or nontyping reperforator when mounted on the multiple reperforator base.

50109S/2 — 179252 kit to provide chad disposal on self-contained typing or nontyping reperforator.

50111S/2 — 176258, 176627, or 192686 kit, in conjunction with 164506 kit, to equip typing reperforator with auxiliary contact and four function blades.

50121S/3 — 193802 kit to provide perforator trip delay mechanism.

50128S/2 — 194267 kit to provide 7.42 unit code and 60, 75, and 100 wpm.

50129S/3 — 174285 kit to convert typing reperforator unit into tape printer unit.

50136S/1 — 192999 kit to provide vacuum chad removal for send-receive typing reperforator set.

50155S/1 — 195388 kit to relocate the power switch from the rear to the front.

50165S/5 — 195634 kit to provide quick-release armature for selector.

50177S/1 — 194103 kit to convert \*LRPE601 to produce fully perforated tape with advance feed holes.

50188S/3 — 194992 kit to provide a tape guide for perforators and typing and nontyping reperforators.

50206S/2 — 162381 kit to provide automatic noninterfering blank tape feed-out for typing and nontyping reperforators (except those mounted on keyboard of ASR or RT set).

50247S/3 — 193988, 193989, 193992, or 193993 kit to maintain minimum of 0.100 inch of slack tape in front of punch of perforator or reperforator.

50260S/4 — 194076 or 194077 kit to provide rigid tape path for perforators and reperforators in ASR cabinets equipped with slack-tape kits.

50273S/1 — 304515 kit to eliminate safety hazard when manually advancing tape on multiple mounted typing reperforator units or multiple mounting typing reperforator bases.

50329S/2 — 148630 kit to provide a means of sensing the motion of tape exiting from a reperforator.

50371S/3 — 309194 kit to add manual interfering letters tape feed-out on typing reperforator equipped with remote control or automatic noninterfering letters feed-out mechanism.

50414S/2 — 312425 kit to add vibrating tube chad removal feature to nontyping reperforator in certain sets.

50601S/2 — 304273 kit to provide two-color printing.

50840S/2 — 340470 kit to add LCXB and perforator gear guards to ASR set.

## P. Typing and Nontyping Reperforator Base

5801S/6 — 159417, 163256, 179965, or 199812 kits to provide a variable speed drive (RO).

5886S/6 — 159379, 159380, 162273, 162274, or 163945 code reading contact kit and 159381, 159382, or 194167 auxiliary timing contact kit.

2.01 28 TYPE APPARATUS (Contd)

P. Typing and Nontyping Reperforator Base (Contd)

5932S/5 — 161827 kit installed on 28D auxiliary base to provide code reading contact cables.

5933S/1 — 162846 cover clip kit for base equipped with a 156444† baseplate and 28A, 28LA, or 28B typing reperforator covers.

5963S/7 — 161680, 162213, and 162217 kits (28K, 28L, 28M sprocket and belt sets) on 28B base to provide belt and sprocket drive for multiple mounted reperforators.

5973S/4 — 162923 kit to provide electrical nonmetered tape feed-out operation (\*LAR200 and up).

50015S/3 — 174491 kit consisting of a radio frequency filter assembly for signal generator contacts of 28E base.

50050S/4 — 176615 kit to adapt 28A and 28D bases for use with typing or nontyping reperforator containing a fully perforated punch mechanism.

50057S/3 — 173484 kit to provide power factor correction for the multiple reperforator base.

50191S/2 — 193667 kit to provide sprocket guard for 28B typing reperforator base.

50199S/1 — 197699 kit to provide a 28B base with a new shaft that incorporates a pressed-on bearing at the gear end to reduce shaft wear caused by rotation of the bearing inner race.

50202S/2 — 195185 kit to adapt certain bases to use series motor unit LMU39.

50338S/2 — 198361 kit to provide electrical facilities on the \*LRB6 base for an auxiliary reperforator (28K).

50482S/1 — 315536 kit to convert auxiliary reperforator base to 45.5, 50, and 75 baud speed operation in 7.00 unit code.

Q. Typing Reperforator Cover

50151S/1 — 195271 kit to provide a replacement tape guide for the (canceled 159953†) tape guide used on the 28A cover.

†Canceled.

R. Typing Reperforator Table

50050S/4 — 176615 kit to adapt 28A typing reperforator table for use with typing or nontyping reperforator containing a fully perforated punch mechanism.

50210S/1 — 194856 kit to provide shelf on left side of table for single reel rim driven tape winder.

S. Typing Unit

5671S/4 — 152718 and 152719† kits to provide for motor stop function on upper case "H" or "M" in conjunction with the 151400 motor control mechanism (Serial Nos. 1500 and up).

5716S/1 — 152833 set of parts to add paper straightening shaft bearing clips (Serial Nos 1 through 1499).

5719S/2 — 152919 kit to modify set for weather map service.

5751S/16 — 152302, 152303, 153907, 153927 through 153936, 155763, 155764, 155765, 157513, 157528, 157529, 157530, 157531, 161140, 161767, 162847, 176821, 197847, and 197848 kits to provide page feed-out and transmitter distributor control.

5760S/5 — 152307 kit to provide reperforator control mechanism.

5761S/3 — 199382 kit to permit resting the unit on end for servicing.

5765S/8 — 152915 or 157511 and 152916 or 154145 kit to provide the local reverse line feed mechanism.

5766S/10 — 152917 or 157510 and 152918, 154146, or 199999 kits to provide local backspace mechanism.

5767S/3 — 151799 kit to latch the paper spindle.

5782S/4 — 159369, 159370, and 162866 kits to add normally open and normally closed contacts to the 172597† contact block on the stunt box.

5783S/2 — 157514 kit to provide automatic carriage return and line feed.

## 2.01 28 TYPE APPARATUS (Contd)

## S. Typing Unit (Contd)

5784S/4 — 152900 kit for typing units 28A, 28A-1, 28A-2, 28B through 28G equipped with stunt box to provide spacing on upper case Blank.

5788S/8 — 152322 and 152335 kits to provide automatic carriage return and line feed on 28A typing unit; 152348 kit to provide automatic carriage return and line feed on 28B, 28C, 28D or 28J typing units equipped with 152335 kit; and 153945 kit to provide O codebar and bell-crank on 28B, 28C, 28D, or 28J typing unit.

5789S/5 — 152340 kit to permit the use of multicopy roll paper. (Not for use with 159366 kit. May be used with 194324 kit.)

5792S/17 — 172625 kit (used with 176181 through 176197 or 178568 through 178584 kit (one required)) to convert typing unit from friction feed to sprocket feed; 176181 through 176197 or 178568 through 178584 kit (with 153726† through 153729† or 176911† through 176914† paper tray (one required)) adapts typing unit to use a particular width of continuous superfold form stationery; 159356 kit (now included in 172625 modification kit) replaces 153771† through 153787† guide bracket to permit the typed copy to be viewed as it is being typed.

5800S/6 — 179153 kit for 28D typing unit to provide manual selective control of functions for monitoring unit.

5807S/3 — 153946 horizontal positioning knee-link kit for 28A typing unit (Serial No. 11,501 and above).

5810S/3 — 153947 oscillator shift knee-link kit for 28A typing unit (Serial No. 11,500 and below).

5811S/2 — 153906 trip shaft support bracket kit for 28A typing unit (Serial No. 11,500 and below).

5814S/2 — 153910 function suppression kit for 28A typing unit equipped with AZ stunt box.

†Canceled

5815S/2 — 153949 kit to modify the selector magnet bracket to improve performance of 28A typing unit (Serial No. 11,500 and below).

5816S/2 — 153905 and 153914 spacing drum kits for 28A typing unit to permit unrestricted adjustment of the left and right hand margins.

5820S/3 — 153919 or 162613 auxiliary connector kit for 28B and up typing unit.

5821S/4 — 154753 kit to provide a 2-conductor receptacle to be installed on 28E, 28F, and 28G typing units for interconnecting the typing unit stunt box cable with the cabinet busy lamp cable.

5823S/8 — 152337 and 152345 (for 28B, 28C, and 28D typing units), 157509 (for 28D and up), and 178358 shift control kits.

5824S/5 — 162012 or 162013 kit to provide a shift mechanism on 28B through 28G typing units.

5830S/4 — 152502 kit to provide typebox alignment adjustment for typing unit with Serial No. 1500 through 16,799.

5833S/5 — 153924 upper case Blank H motor control contact mechanism kit and 153948 time-delay motor stop disabler kit typing units 28E, 28F or 28G.

5839S/3 — 154727 auxiliary connector kit for typing unit 28H.

5843S/2 — 153904 or 154723 kit to replace 152434 or 153491 range finder, plate, respectively.

5847S/5 — 153915, 153918, 153941, and 154758 kits to convert 28B, 28C or 28P typing unit (in 28B or 28C cabinet) from nonselective calling to selective calling.

5854S/2 — 154742 kit to provide four lines per inch mechanism on sprocket feed typing units (28B, 28B-1, 28C, 28F or 28G).

5859S/1 — 154787 kit to hold the function lever shaft securely in place.

5864S/13 — 152903, 154780, 154781, 157503†, 157515, 157516, 157526, 157527, 157535, 157536, 163174† through 163180,

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2.01 28 TYPE APPARATUS (Contd)

S. Typing Unit (Contd)

5864S/13 — (Contd)

164476, and 178172 kits to provide horizontal tabulation and horizontal tabulation transmitter distributor control or transfer control at 60, 75, or 100 wpm.

5866S/3 — 153913 kit on selective calling typing units 28B, 28B-1, 28C through 28G to provide print suppression during selection.

5872S/9 — 154755, 159395, 163292, or 154792 kit to provide 5, 6, 8, or 12 characters per inch, respectively, and 154334 kit to provide increased ribbon height on units with large Gothic type pallets.

5882S/2 — 154797 kit to provide triple line feed (two lines per inch).

5888S/11 — 194324 or 320284 kit to provide paper-out alarm switch (friction feed).

5890S/3 — 160886 (used with page feed-out, Specification 5751S) or 194093 (used with vertical tabulation, Specification 50004S) kit to provide local form feed-out on receive-only typing unit.

5898S/5 — 161280 kit to provide on-line operation of the local reverse line feed mechanism.

5910S/3 — 161441 kit to convert sprocket feed typing unit to friction feed.

5913S/4 — 154798 kit to permit using single-copy superfold paper (friction feed).

5922S/1 — 162488 kit to replace the 2-piece codebar shift lever guide bracket on typing unit with Serial No. below 61,550.

5946S/4 — 163183 kit to provide dc magnet operated print suppression.

5949S/5 — 305035 or 307065 (for sprocket feed) and 305036 (for friction feed) kits to provide improved platen manual line feed.

5977S/1 — 164270 kit to provide copy display.

5996S/1 — 172181 kit to provide vertical copy display for cabinet (special).

50004S/12 — 154760 through 154771, 157530, 163518, 163535, 174174, 178301, 192706, 197849, 197850, and 305079 kits to provide vertical tabulation and transmitter distributor control on 28A, 28B, or 28C typing units in 28A or 28B cabinets with 28B electrical service unit.

50041S/4 — 174439, 176420, and 176421 kits to add timing contact mechanism to the selector of the typing unit, and typing or nontyping reperforator.

50048S/2 — 154370 kit to provide an improved carriage cable clamp on typing unit.

50060S/8 — 178345† kit (used with 178343 and 178344 kits) to provide an answer-back mechanism.

50069S/3 — 173881, 178415, or 198394 kit for 5-level parallel code reading contacts.

50085S/3 — 174043 kit to equip friction feed typing unit with paper feed failure indicator.

50092S/3 — 179369 kit to provide copy display rack on certain typing units in certain apparatus cabinets.

50120S/1 — 192792 kit on the "AEW" stunt box to permit unshift on the blank in mode one.

50130S/2 — 194803 kit to convert RO set to conform to \*VSL248 and the 195033 kit to convert KSR set to conform to \*VSL249.

50132S/1 — 194750 through 194765 and 194896 kits to convert AR (as on 28D) stunt box to other stunt boxes.

50150S/6 — 179724, 344974, and 343755 kits to provide two-color ribbon mechanism; 312711 kit to make the 179724 kit useable on units having the 192486 vertical tab and form-out mechanisms.

50165S/5 — 195634 kit to provide quick-release armature for selector.

50178S/2 — 193936 kit on stunt boxes to permit line feed on carriage return and restrict line feed on the two functions that follow.

†Canceled

## 2.01 28 TYPE APPARATUS (Contd)

## S. Typing Unit (Contd)

50193S/1 — 195521 kit to provide paper guideplate for typing units in certain apparatus cabinets.

50197S/1 — 195613 kit to provide a paper guide rod which routes the printed copy from the platen of the typing unit to a paper winder at the rear of the typing unit in 28 apparatus cabinets for multiple-mounted page printers.

50328S/3 — 194092 kit to provide page motion alarm mechanism for sprocket feed unit equipped with 153726† paper guide.

50334S/3 — 152350 kit to add keyboard lock device to typing unit.

50341S/1 — 304599 kit to provide manual letters shift for KSR and RO sets.

50352S/1 — 305539 or 305540 kit to provide yield mechanism for line feed stripper slide on certain stunt boxes.

50366S/2 — 306726 through 306730, 306986, 306987†, 319198, and 319271 through 319273† kits to convert certain stunt boxes for use with (83B3 System) typing units.

50368S/3 — 306721 through 306725, 306984, 306985, 319194†, 319198, 319199†, and 319250 kits to convert certain typing units for use in (83B3) Selective Calling System.

50375S/6 — 311456 or 333520 kit to provide universal paper-jam alarm for sprocket feed typing units.

50386S/1 — 305037 and 310733 kits to adapt sprocket feed typing unit to accommodate 9-1/2 inch wide continuous form feed stationery.

50388S/2 — 199200† and 310261 kits to provide printer and cabinet with special carriage return, line feed, space, and shift features.

50449S/1 — Instructions for installing the 115 wpm unit.

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†Canceled

50492S/1 — Kits 321761, 321762, and 321763 to convert stunt boxes and typing units from 28D to 28AR or 28BE units.

50643S/2 — 330855 kit to convert the \*LP53RX/AEX to \*LP48RX/AEW.

50647S/1 — 318962 kit to provide main shaft rotation indicator (\*LP77).

50771S/1 — 344287 kit to provide certain late design parts for horizontal tabulation mechanism.

## 2.02 33 TYPE APPARATUS

## A. Call Control

50140S/10 — 186602 or 186603 (for 12 button dialer) and 193488 or 195927 (for 10 button dialer) kits for manual TOUCH-TONE § card dialer on KSR and ASR sets.

50164S/7 — 182487 kit to provide dc pulsing card dial on KSR or ASR set. The dial is not included in the kit.

50237S/4 — 182491 kit to convert 33A and 33C call control units for automatic reader control.

50396S/1 — 182190 kit to provide optional internal fusing for TD sets.

50423S/3 — 199409 kit to provide improved fusing on call control units.

50693S/3 — \*UCC29 call control unit installation instructions.

50764S/3 — 344281 kit to provide interconnect cable for an RO with an ASR set; 344282 kit to provide interconnect cable for an ASR with an RO set; 344285† faceplate to convert \*UCC30 to stand-alone RO operation.

50773S/2 — 186630 kit to provide break detection and indication on sets equipped with 186627† set logic or 109C- or 109F-type Data Set.

## B. Keyboard

50625S/5 — 186752 or 186854 kit to provide locking of the keyboards.

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2.02 33 TYPE APPARATUS (Contd)

B. Keyboard (Contd)

50651S/1 — 186408 kit to provide new parts for the early design \*UK808 keyboard, 184165† reset lever assembly.

C. Miscellaneous

50433S/2 — 183859 kit to provide paper supply bin and accumulating shelf on cabinets.

50438S/4 — 185705 kit to provide a tape guide for folded tape on ASR sets.

50610S/1 — 186312 kit to provide cover repair brackets for copyholder slots in cover.

50626S/2 — 186226 kit to provide mobility for a set.

50736S/3 — 337415 or 337418 kit to provide sensing of tab and form feed functions on private line sets interfaced with 4200-series magnetic tape sets.

50768S/1 — 343691EW kit to provide shelf assembly for attendant set mounting (KSR or ASR).

50792S/3 — 187600 kit to mount 9131 Station Controller; 187610† kit to provide remote test switch; 187601 kit to provide mounting for a Data Auxiliary Set 820D, 830A, or equivalent.

50800S/3 — 344555 kit to provide individual receiver selection facilities for set combinations equipped with a 9140 Station Controller with 322409 circuit card.

50806S/1 — 187324 idle line motor control kit.

51066S/1 — 180120 kit to provide a fan replacement set of parts for 181151 and 182181 fans. This kit applies to Model 32, Model 33 types, answer-back units LABD and 198401.

## 2.02 33 TYPE APPARATUS (Contd)

## D. Printer

50238S/3 — 182290, 182291, and 183128 kits to convert 33C printer (early design or one modified with 182491 kit) for automatic reader control.

50342S/5 — 185971 kit to provide a margin bell to ring on approximately the 61st character.

50370S/3 — Coding and installation of 180801 universal function lever.

50410S/5 — 183877 through 183883 kits to equip sprocket feed typing unit form-out for various lengths of forms.

50413S/3 — 184157 kit to equip friction feed typing unit to provide automatic line feed when carriage return key is depressed.

50436S/4 — 186665 kit to provide platen end-play on friction feed typing units.

50448S/2 — 182056 kit to convert typing unit to 12 spaces per inch.

50455S/3 — 185791 kit to provide a manual single or double line feed on friction feed typing unit.

50460S/3 — 183986 A to D kits to provide print-nonprint mechanism on ASR typing units.

50495S/2 — 185983 kit to add carriage return on line feed to printer.

50605S/1 — Information for improved main shaft parts for typing unit.

50636S/3 — 186409, 186410, and 186411 kits to add automatic carriage return and line feed to a friction feed printer.

50656S/1 — 186185 kit on sprocket feed typing units to convert the form feed rate from six to three lines per main shaft rotation.

50714S/3 — 186776 kit to provide a handle for all printers.

50746S/1 — 187125 kit to provide 48 volt ac or 24 volt dc magnet controlled answer-back trip mechanism.

50752S/2 — 186728 kit to provide improved space suppression parts.

50779S/2 — 188944 kit to provide unit with on-line backspace mechanism.

## E. Punch

50473S/1 — 185703 kit to add perforator interlock to ASR equipped with \*UPE802 perforator and the 183986 A to D kit.

50477S/2 — Special instructions for mounting \*UPE802 perforator to existing ASR set.

2.02 33 TYPE APPARATUS (Contd)

E. Punch (Contd)

50498S/2 — 182196 and 182197 kits to permit operation of perforator units with dry nonoiled tape.

50770S/1 — 187205 kit to provide replacement for 182903 perforator casting.

50787S/2 — 187243 kit to provide plastic chad chute on punch mechanism.

F. Reader

50335S/4 — 183138 kit to provide improved reader mounting on early design ASR sets.

50416S/1 — 180115 kit to reroute reader cable.

50634S/3 — 186241 kit to convert private line ASR sets to automatic reader control.

G. Teletypewriter Set

50156S/9 — 193489 kit to provide manual rotary dial; 186600 or 186601 kit to provide 12-button TOUCH-TONE dial; 327420 kit to provide mounting hardware to install dialers on KSR or ASR sets.

50183S/3 — 195647 kit to convert switched network ROTR set for 20 mA or 60 mA dc operation.

50218S/2 — 182044 kit to provide elapsed time indicator.

50264S/5 — 182269 kit to prevent double tripping of keyboard, reader, and answer-back.

50348S/4 — 182266 kit to convert 33A-1 KSR set to 33C-1 ASR set.

50428S/4 — 185730 kit to add motor fuse to set.

50630S/3 — 186136 kit to operate private line sets with DATAPHONE<sup>†</sup> and private line data sets.

50634S/3 — 186241 kit to convert private line ASR sets to automatic reader control.

<sup>†</sup>Registered Service Mark of AT&T Co.

†Canceled

50696S/1 — 336192 kit to provide automatic answer-back on sets equipped with the 186627<sup>†</sup> logic assembly.

50701S/3 — 186670 kit to interface certain RO, KSR, and ASR sets with 820D Data Auxiliary Sets using 108- or 109-type Data Sets.

50702S/4 — 333521 ac series motor assembly installation instructions.

50720S/2 — 341348 kit to provide 48 V ac or 24 V dc magnet-controlled answer-back trip mechanism.

50764S/3 — 344281 kit to provide interconnect cable for an RO with an ASR set; 344282 kit to provide interconnect cable for an ASR with an RO set; 344285<sup>†</sup> faceplate to convert \*UCC30 to stand-alone RO operation.

50767S/1 — 323512 kit to permit operating parity failure detector and substitute inserter (SA120) with 101C or 105A Data Set and TWX-type receiving terminal equipment.

50777S/1 — 187156 kit to provide a 20 or 60 mA interface for sets equipped with a \*UCC39.

50804S/1 — 344565 kit to provide reader and motor control during form out on sets equipped with sprocket feed printers and \*UCC30 call control units.

2.03 35 TYPE APPARATUS

A. Cabinet

5792S/17 — 153926 kit to adapt cabinet to handle superfold form stationery.

5809S/6 — 179393 adjustable form guide for 192260 paper supply and accumulating shelf.

50051S/4 — 178387 kit to provide a Chapman static eliminator to neutralize electrostatic charge on the page copy.

50119S/7 — 192260 kit to provide a form supply and accumulating shelf.

50140S/10 — 193488 and 195927 kits to provide KSR and ASR with a manual pushbutton or automatic card multifrequency dial.

## 2.03 35 TYPE APPARATUS (Contd)

## A. Cabinet (Contd)

50268S/1 — 197838 kit provides templates for workover of ASR cabinet to mount adjustable transmitter distributor base and auxiliary typing reperforator base.

50313S/1 — 195209 kit to provide a KSR or ASR cabinet with a hand-held receiver.

50353S/1 — 199918 and 199924 kits to provide shelves on left side of ASR cabinet for two and one, respectively, motor driven single reel tape winders.

50389S/1 — 307228 kit to add offset copyholder to KSR and ASR cabinets equipped with call control unit mounting facilities.

## B. Apparatus Cabinet

50070S/4 — 176544 kit to provide front enclosure of receiving cabinet (\*LBAC).

50490S/2 — 323705 kit to provide forced ventilation for cabinet.

50768S/1 — 343691 kit to provide shelf assembly for attendant set mounting on KSR or ASR pedestal set.

## C. Teletypewriter Set

50140S/10 — Kit 186602 or 186603 (for 12 button dial) and 193488 or 195927 (for 10 button dial) kits for manual TOUCH-TONE card dialer on KSR and ASR sets.

50156S/9 — 193489 kit to provide manual rotary dial; 186600 or 186601 kit to provide 12-button TOUCH-TONE dial; 327420 kit to provide mounting hardware to install dialers on KSR or ASR sets.

50164S/7 — 195924 kit to provide dc pulsing card dial on KSR or ASR set. The dial is not included in the kit.

50170S/5 — Instructions for installing the wall-mounted teletypewriter set.

50183S/3 — 195647 kit to convert switched network ASR, KSR, or RO set for 20 mA or 60 mA dc operation.

50344S/1 — 199344 kit to relocate fuse holder and power convenience outlet in KSR and ASR call control units (to eliminate hazard).

50345S/1 — 305085 kit to provide secure mounting of certain KSR sets to a shelf.

50356S/1 — 199933 kit to provide tape guide for tape from keyboard punch to tape winder on left side of ASR set.

50358S/3 — 199330 kit for ASR set to provide alarm and place set in "do not answer" condition (or optional "busy" condition) when reperforator tape supply runs low.

50362S/1 — 305464 kit to connect tape reader to certain 1A-8X station sets.

50367S/1 — KSR set \*VSL310 and \*VSL315 for private line application.

50377S/1 — 199312 kit to control character counter and end-of-line light on certain ASR sets.

50378S/1 — 199934 kit to provide shelf for tape winder or unwinder on front panel under the tape reader of ASR set.

50379S/1 — 199938 kit to provide shelf for 146815† twelve-inch diameter center unwinder on left foot of ASR set.

50387S/1 — 308412 kit to provide means for control of certain 8B1 RO Station Set (35BE or 35BH) and a tape reader from a private line ASR set (35AT or 35AU).

50392S/1 — General specification data preparation sets.

50407S/2 — 305183 or 307103 kit to provide rear paper guide on tabletop or rack mounted, respectively, sprocket feed page printer set.

50421S/2 — Transmitter distributor base 35B in the cabinet of ASR sets.

50463S/3 — 323424 kit to provide intermediate tape storage bin on ASR set.

50484S/1 — Description and instructions for programming the automated communications set.

†Canceled

2.03 35 TYPE APPARATUS (Contd)

C. Teletypewriter Set (Contd)

50485S/2 — 324584 (KSR) and 324585 (ASR) kits to replace the 177563 card in KSR and ASR sets.

50486S/2 — 199446 kit to provide signal regeneration on 8A1 sets (\*VCL323, 324, 325, and 375).

50487S/2 — 199368 (KSR) and the 199369 (ASR) kits to update early design sets with signal regenerators.

50619S/5 — 323103 kit to add transmitter distributor control and step-at-a-time to ASR set (Adnet and 85A1 Systems).

50646S/2 — 327471 kit to provide interfacing connections and mounting for private line sets (ASR, KSR, and RO) and 820D2 Data Auxiliary Sets.

50652S/1 — 323104 kit to provide a line feed counter and alarm on ASR sets.

50666S/3 — 321584 kit to provide a shelf for the 146815† center unwinder on ASR Set.

50667S/1 — 321585 kit to provide a mounting shelf for a single reel tape winder and 321586 kit to provide mounting shelves for two single reel tape winders on ASR sets.

50683S/3 — 330970 kit to provide extended test control of the 820D Data Auxiliary Set.

50687S/1 — 333456 kit to provide mobility for KSR or ASR sets.

50767S/1 — 323512 kit to permit operating parity failure detector and substitute character inserter (SA120) with 101C or 105A Data Set and TWX-type receiving terminal equipment.

50777S/1 — 187156 kit to provide a 20 or 60 mA interface for sets equipped with a \*UCC39.

50785S/1 — 344600 kit to modify RO, KSR, and ASR TWX-type sets having the ASCII67 Code to use \*UCC43 and 9131 Station Controller.

†Canceled

D. Transmitter Distributor Unit

5989S/14 — 310070 kit to provide multiple wire output facilities.

50259S/1 — 195779 kit for certain units to reduce number of buffer characters required following control codes.

50333S/2 — 199886 kit to provide control for ASR stations.

50441S/1 — 312999 kit to provide cover for distributor contacts on double shaft units.

50458S/2 — General instructions and description for the \*VC238 8-level self-contained time unit for use with 8-level distributors.

50459S/1 — Installing the LXDB800 unit (part of set \*VSL303).

50632S/1 — 327419 kit to provide rubout deleter on 8-level unit.

E. Transmitter Distributor Base

50633S/1 — 195834 kit to make 35B compatible with (LRB301) base.

50798S/1 — 336930 kit to operate transmitter base at 67.48 baud 11 unit code.

F. Typing and Nontyping Reperforator and Perforator Units

5534S/16 — 159363, 170196, 172640, 178697, 178698†, and 178917 kits provide manual backspace (170196 and 178697 kits also provide power drive) for perforators and reperforators; 159364, 161304, and 162245 kits provide power drive for manual backspace mechanisms (159363, 172640, and 178917); 161828 kit allows the power backspace (159363 plus 159364) to operate when non-interfering blank tape feed out (198070) is present on the same unit; and 160881 and 178918 kits provide a cover for backspace mechanisms on perforators and reperforators, respectively.

5945S/11 — 309697 kit to provide automatic noninterfering RUBOUT for typing or nontyping reperforator.

## 2.03 35 TYPE APPARATUS (Contd)

## F. Typing and Nontyping Reperforator and Perforator Units (Contd)

- 50165S/5 — 195634 kit to provide quick-release armature for selector.
- 50185S/4 — 194066 kit to equip nontyping reperforator with code reading contacts.
- 50247S/3 — 193988, 193989, 193992, or 193993 kit to maintain minimum of 0.100 inch of slack tape in front of punch of perforator or reperforator.
- 50258S/2 — 195620 and 195621 kits to equip typing reperforator (fully perforated tape) with manual backspace and power drive for manual backspace, respectively.
- 50343S/2 — 195833 or 198177 kit for use with certain transmitter distributor units to provide housing for auxiliary typing reperforator (ROTR) in ASR cabinet.
- 50371S/3 — 321055 kit to add manual interfering letters tape feed-out on reperforators (\*LPR811) equipped with remote control or automatic noninterfering letters feed-out mechanism.
- 50404S/3 — 311500 kit to provide blank-delete feature on typing reperforator unit.
- 50461S/1 — Special adjustments and chad disposal instructions (basic to 800 series units).
- 50778S/1 — 343954 kit to provide a cover for the backspace eccentric drive mechanism.
- 50839S/3 — 340469 kit to add a reperforator gear guard to ASR set.

## G. Typing and Nontyping Reperforator Base

- 50758S/1 — 334697 kit to provide tape chute for an ROTR.

## H. Typing Unit

- 5761S/3 — 199382 kit to permit resting the typing unit on end for servicing.
- 5766S/10 — 152917 or 157510 and 152918, 154146, or 199999 kits to provide local backspace mechanism.

5767S/3 — 151799 kit to latch the paper spindle.

5789S/5 — 152340 kit to permit the use of multicopy roll paper.

5792S/17 — 172625, 178568 through 178584, 306686 through 306702 kits to convert typing unit from friction feed to sprocket feed.

5888S/11 — 194324 or 320284 kit to provide a paper-out alarm switch (friction feed).

5913S/4 — 154798 kit to permit using single-copy superfold paper (friction feed).

5949S/5 — 305035 or 307065 (for sprocket feed) and 305036 (for friction feed) kits to provide improved platen manual line feed.

50004S/12 — 154760 through 154771, 157530, 163518, 163535, 174174, 178301, 192706, 197849, 197850, and 305079 kits to provide vertical tabulation and transmitter distributor control on 28A, 28B, or 28C typing unit in 28A or 28B cabinet with 28B electrical service unit.

50041S/4 — 174439, 176420, and 176421 kits to add timing contact mechanism to the selector of \*LP6 and up, and typing \*LPR9 and up, or nontyping \*LRPE7 and up reperforator.

50150S/6 — 179724, 344974, and 343755 kits to provide two-color ribbon mechanism; 312711 kit to make 179724 kit useable on \*LP805, 809, and 821 units having 192486 vertical tab and form-out mechanisms.

50165S/5 — 195634 kit to provide quick-release armature for selector.

50187S/1 — 196929 kit to provide double line-feed operation on 35B unit.

50211S/1 — 197751 kit to provide paper support bracket for use with paper-out alarm on sprocket feed unit.

50298S/7 — 198500 kit to provide print or function suppression on printers (LP).

50333S/2 — 199886 kit to provide transmitter distributor control for ASR stations.

50352S/1 — 305539 or 305540 kit to provide yield mechanism for line-feed stripper slide on certain stunt boxes.

2.03 35 TYPE APPARATUS (Contd)

H. Typing Unit (Contd)

50375S/6 — 311456 or 333520 kit to provide universal paper-jam alarm for sprocket feed units.

50386S/1 — 305037 and 310733 kits to adapt sprocket feed typing unit to accommodate 9-1/2 inch wide continuous form feed stationery.

50468S/1 — 311458, 311459, 311460, and 311461 kits to provide adjustable last form alarm on sprocket feed units.

50471S/4 — 321099 kit to add the automatic carriage return and line feed.

50603S/3 — 325967 kit to convert line feed clutch from 6-stop to 3-stop.

50607S/1 — 321940 kit to adapt sprocket feed unit with improved paper and form handling.

50609S/4 — 324095 kit to provide a paper jam alarm for sprocket feed units using 9-1/2 inch wide paper.

50611S/3 — 324490 kit to provide paper jam alarm for friction feed units.

50612S/3 — 323790 kit to adapt 8-1/2 inch sprocket feed unit for use with 3-1/2 inch long by 8-1/2 inch wide forms.

50644S/1 — 323980 and 332750 kits to convert printers with manual horizontal tab stops to on-line (operator set) tab stops with 9-1/2 inch and 8-1/2 inch platen widths.

50698S/1 — 334883† (friction feed) or 334884 (sprocket feed) kit to provide new line feature.

50726S/1 — 336932 kit to provide audible and visible alarm on low paper for sets using 35G and 35AL.

50771S/1 — 344287 kit to provide certain late design parts for horizontal tabulation.

I. Keyboard and Base

5766S/10 — 152918, 154146 or 199999 kit to provide local backspace mechanism.

†Canceled

50476S/6 — 312994 kit to provide a universal keyboard switch (late design).

50499S/1 — 319385 kit to add two-speed gear-shift to KSR unit.

50726S/1 — 336932 kit to provide audible and visible alarm on low paper for sets using 35G and 35AL.

50744S/1 — 342183 kit to convert a 35D to 35B with answer-back.

50745S/3 — 343349 kit to provide horizontal tabulator and tape reader control on friction or sprocket feed typing units.

J. Miscellaneous

50010S/4 — General instructions for installing monitoring or receiving set components consisting of typing or nontyping reperforators, motor units, bases, tape winders, and apparatus cabinet.

50183S/3 — 195647 kit to convert switched network ROTR set for 20 mA or 60 mA dc operation.

50202S/2 — 195185 kit to adapt certain typing reperforator bases to use series motor unit 28D.

50248S/3 — 198420 data set coupler.

50435S/4 — 312390 kit to detect EOT at reader in 8B1 Data Selective Calling System Sets (35BC, 35BE, 35BF, 35BH, 35BP and 35BR).

50453S/6 — 312350 kit to operate private line sets with DATAPHONE and private line data sets.

50464S/2 — 319274 kit to provide an alarm lamp and release switch on private line sets.

50466S/2 — 320489 kit to provide signal line break and break release lamp and switch on private line sets.

50693S/3 — Instructions for installing the \*UCC29 call control unit.

50695S/2 — 336474 kit to modify RO, KSR, and ASR switched network sets having the ASCII code to use the \*UCC29.

## 2.03 35 TYPE Apparatus (Contd)

## J. Miscellaneous (Contd)

50696S/1 — 336192 kit to provide automatic answer-back on sets equipped with the 186627† logic assembly.

50700S/1 — 327260 sending signal regenerator installation instructions.

50730S/2 — 340011 kit to adapt RO, KSR, or ASR sets equipped with \*UCC29; and 336474 kit for use in Point-to-Point Private Line Service with 186670 logic package kit.

50736S/ — 337415 or 337418 kit to provide sensing of tab and form feed functions on private line sets interfaced with 4200-series magnetic tape sets.

50756S/1 — 342120 kit for an RO (35W) or ASR (35U) set, to provide low voltage operation of the form feed/vertical tab/horizontal tab contacts, while presenting a dry-contact closure to station controller.

50758S/1 — 334697 kit to provide tape chute for an ROTR.

50764S/3 — 344281 kit to provide interconnect cable for an RO with an ASR set; 344282 kit to provide interconnect cable for an ASR with an RO set; 344285† faceplate to convert \*UCC30 to stand-alone RO operation.

50773S/2 — 186630 kit to provide break detection and indication on sets equipped with 186627† set logic or 109C- or 109F-type Data Sets.

50792S/3 — 344599 kit to mount 9131 Station Controller; 187610† kit to provide a remote test switch; 344598 kit to provide mounting for a Data Auxiliary Set 820D, 830A, or equivalent.

50800S/3 — 344555 kit to provide individual receiver selection facilities for set combinations equipped with a 9140 Station Controller with 322409 circuit card.

50806S/1 — 187324 idle line motor control kit.

## 2.04 37 TYPE APPARATUS

## A. Cabinet

50670S/3 — 326970 kit to provide RT sets with intermediate tape storage bin (327060†) and tape direction control (328290†).

†Canceled

50781S/2 — 344167 (\*YAC803) or 345400 (\*YAC805) kit to provide set mobility.

50789S/3 — 344155 (\*YAC805) or 344161 (\*YAC803) kit to provide a subbase for a console.

## B. Electrical Service Unit

50733S/2 — 338686 kit to permit mounting the \*YESU807 or 827 electrical service assembly in the \*YT806 table.

50754S/1 — 343265 kit to provide mounting facilities and cable for 9130 or 9140 Station Controller.

## C. Keyboard

50750S/1 — 342096 or 342097 kit to provide right- and left-hand end brackets.

50755S/1 — 343264 manual entry kit for contention-type Selective Calling System.

50765S/1 — Keyboard housing installation instructions on early or late design keyboards.

## D. Miscellaneous

50718S/2 — 327863† (RO or KSR) or 327864 (ASR) kit to convert DATAPHONE Terminals to Point-To-Point Private Line Terminals.

50799S/1 — 344869 kit to provide interconnecting facilities between a ROTR and ASR set with a 9140 Station Controller.

## E. Punch

5534S/16 — 324292 kit provides manual and power drive backspace mechanism for perforator or re-perforator (\*YPR or \*YRPE).

50673S/4 — 328300 kit to provide normally-open character received contact mechanism to two-cycle selector of \*YP, \*YRPE or \*YPR800-series equipment.

50674S/1 — 333535 kit to provide normally-closed character received contact mechanism to two-cycle selector of \*YP, \*YRPE or \*YPR800-series equipment.

50778S/1 — 343954 kit to provide a cover for the backspace eccentric drive mechanism on \*YPR or \*YRPE.

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2.04 37 TYPE APPARATUS (Contd)

E. Punch (Contd)

50788S/1 — 343912 kit to provide two-color printing mechanism on typing reperfector (\*YPR805).

F. Table

50545S/1 — 337900 kit to provide copyholder.

50658S/2 — 328284 kit to provide fanfold paper rack for rear loading (37C or 37B).

50659S/1 — 330697 kit to provide form accumulator (\*YT800, 37C or 37B).

50660S/1 — 333159 kit to provide form accumulator (37D).

50661S/2 — 333158 kit to provide fanfold paper rack (37D).

50668S/4 — 326916 kit to provide front access paper handling (37C or 37B).

50704S/1 — Paper winder \*YPW800 for tables 37C, 37B, or 37D.

50706S/1 — 328672 kit to provide form accumulator (\*YT807).

50722S/3 — 341186 kit to provide enclosure for fanfold paper (\*YT806).

50723S/1 — 341187 kit to provide form accumulator (\*YT806).

50748S/1 — 333561 kit to provide full chad box warning indicator (RO-\*YT805).

50781S/2 — 344167 (\*YT807) or 345400 (\*YT812) kit to provide set mobility.

50783S/1 — 338200 kit to permit mounting \*YESU807 or \*827-type units (\*YT808).

50789S/2 — 344155 (\*YT812) or 344161 (\*YT807) kit to provide a subbase for a console.

G. Typing Unit

5767S/3 — 151799 kit to latch the paper spindle.

50620S/4 — 326019 kit to convert a friction feed unit to a sprocket feed unit.

50655S/4 — 319650 and 327840 kits to provide low-paper alarm switch (friction feed).

50672S/1 — 326001, 327895, 336752, or 336754 kits to equip sprocket feed unit with paper-out alarm.

50673S/4 — 328300 kit to provide normally-open character received contact mechanism to two-cycle selector of \*YP, \*YRPE, or \*YPR800 series equipment.

50674S/1 — 333535 kit to provide normally-closed character received contact mechanism to two-cycle selector of \*YP, \*YRPE, or \*YPR800 series equipment.

50675S/2 — 334717 kit to provide line feed clutch tripbail (37P003 and up).

50676S/3 — 332170 kit to add automatic carriage return and line feed features (37P003 through 37P008 and 37P800 through 37P804).

50679S/1 — 326030 kit to provide half-forward and reverse line feed (37P003 and up).

50684S/2 — 327880 or 334715 kit to provide two-color printing (37P003 and up).

50685S/1 — 334360 kit to provide new ribbon feeding and guiding mechanism (37P003 and up).

50686S/2 — 332310 kit to provide horizontal tabulation.

50688S/3 — 332340 kit to provide printed graphics extension — shift-out, shift-in (37P003 and up).

50689S/3 — 332350 kit to provide on-line control of tab-stop positions for horizontal tabulation (37P003 and up).

50691S/2 — 332374 kit to provide escape mechanism (37P003 and up).

50692S/3 — 332280 kit to provide on-line control of tab-stop position for vertical tabulation (37P003 and up).

## 2.04 37 TYPE APPARATUS (Contd)

## G. Typing Unit (Contd)

50705S/3 — 332320 kit to provide vertical tabulation; 319784 kit to equip nonrepeat form feed function bar blocking lever; 340435 kit to provide (late design) nonrepeat form feed function bar blocking lever (37P003 and up).

50708S/3 — 334300 kit to provide print, space, and function suppression (37P003 and up).

50710S/1 — 333012 kit to convert unit with 9-1/2 inch, or less, wide platens to 12 spaces per inch.

50716S/1 — 334956 kit to provide visual aid for units having graphic extension.

50717S/2 — 338510 kit to provide units with improved stripper blade adjustments.

50719S/1 — 338570 kit to provide time elapsed indicator (37P003 and up).

50731S/1 — 334378 through 334395 kits to permit standard sprocket feed units to use 3-5/8 through 9-1/2 inch paper widths.

50769S/1 — 338190 kit to provide paper spindle latch and strong spindle support.

50790S/1 — 340439 kit to provide suppression bail stop (37P003 and up).

50801S/1 — 344557 kit to reduce the left margin from a minimum of 0.600 inch to 0.300 inch on sprocket feed typing units.

## 2.05 40 TYPE APPARATUS

## A. Cabinet

50802S/4 — 401725 kit to provide mounting facilities for 202D- or 202R-type data set in a 40CAB901 pedestal; 408045 kit to provide ac power distribution and cable storage facilities in a 40CAB901 pedestal; 408047 kit to provide cable storage facilities for a 40CAB901 pedestal.

50820S/2 — 408050 ventilation assembly and 408051 kit for cabinets (40CAB201/AB and 40CAB251/AB).

†Canceled

50821S/1 — 408014 kit to add fan guard to 40CAB901 series cabinets with air flow through rear.

50828S/2 — Instructions for installing 407042 or 407043 kit to 40CAB201/ZZ cabinet to form a 40CAB201/AA or 40CAB201/AC cabinet.

50829S/5 — Instructions for installing 405671, 407024, 407025 or 407026 kit to the 40CAB351/YZ and ZZ or 40CAB353/YZ and ZZ common cabinet core to form various arrangements.

50830S/4 — Instructions for installing 405562, 405563 or 406047 kit to the 40CAB251/ZZ common cabinet core to form various arrangements.

50833S/1 — 408053 and 408054 kits to provide new ventilation assembly and fan guard for 40CAB901 cabinets.

50844S/1 — 407400 kit to provide a keyboard disable lock on synchronous 40/4 monitor/opcon support cabinet.

50838S/1 — Instructions for installing 407060† (80 column) and 407061† (132 column) paper guides to 40CAB351, 40CAB352 (80 column) and 40CAB353 (132 column) tractor feed printer cabinets; instructions to equip 40CAB351 and 40CAB352 (80 column) tractor feed printer cabinets with 407200 kit to facilitate handling single-ply fanfold paper.

50854S/2 — Instructions for installing 407100, 407101, or 407102 kit to a 40CAB371/ZZ common core cabinet to form various arrangements.

50856S/3 — 408049 kit to provide warning latch and label for 40CAB901 series cabinets that contain a logic module.

50863S/1 — Instructions for installing 407210 kit on friction feed cabinet; series 40CAB201/AA, AC, ZZ, 40CAB251/AA, and 40CAB202/RA, RC.

50871S/1 — 407202 dome counterbalance kit to 80-column tractor feed cabinets manufactured prior to December 1975.

50876S/1 — 408886 kit to provide replacement for 405657 window in 40CAB353 and 40CAB354 series 132-column tractor feed printer cabinets.

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2.05 40 TYPE APPARATUS (Contd)

A. Cabinet (Contd)

508788/3 — 346731 and 346732 kits to provide OEM interface for 40-type tractor cabinets.

50881S/2 — 346744 kit to provide OEM interface for 40CAB371/ZZ friction feed cabinet.

50910S/1 — 406223 kit to equip a 40CAB351, 352, 353 and 354 with a tractor feed printer latch.

50911S/1 — 403011 kit to provide paper form guide.

50912S/1 — Instructions for installation of the 403492 table top to the 40CAB901 or 904 cabinet.

50915S/2 — Instructions for installing 406190 kit into a 40CAB351/YZ or 40CAB353/YZ common core cabinet.

50919S/1 — 346936 kit to provide mounting features for a 40K200 wide opcon onto a 40CAB251 cabinet.

50922S/1 — 407105 kit to provide parts required for fanfold friction feed paper handling.

50936S/2 — 406261 kit to provide mounting for 40-type paper winder (40PWU101) to a 40-type 20 inch wide cabinet (40CAB371).

50951S/4 — 406370 kit to provide SSI interface by converting 40CAB302/ZZ to a 45CAB302/AB cabinet or converting 45CAB702/ACA to a 45CAB702/AAA cabinet.

50952S/4 — 406371 kit to provide OEM interface by converting 40CAB302/ZZ to a 40CAB302/AC cabinet or converting 45CAB702/ACA to a 45CAB702/ABA cabinet.

50953S/3 — 406372 kit to convert 40CAB302/ZZ to a 40CAB302/AA cabinet which provides interface and mounting for an integrated controller (forms access printer cabinet).

50954S/1 — Instructions for installing 406373 kit to a 40CAB302/AA cabinet to provide data set mounting facilities.

50958S/1 — 406374 kit to provide paper-out contact closure 11 inches below print line in the forms access printer cabinet.

50959S/2 — 406375 kit which provides facilities for mounting a forms access printer into a customer-provided enclosure.

50967S/1 — 347281 kit to provide a door latch on 40CAB901 cabinet.

50968S/1 — 347282 kit to provide a door latch on 40CAB902 cabinet.

50989S/2 — Instructions for installing 406204 kit to a 40CAB371/ZZ friction feed cabinet to allow addition of controller set and opcon for ROP printer arrangements.

51001S/1 — 406207 kit to allow replacement of 40C303/AA with a 40C303/AC or 40C303/AD integrated controller used in tractor feed printer arrangements.

## 2.05 40 TYPE APPARATUS (Contd)

## B. Operator Console (Keyboard)

50831S/2 — 346380 kit to provide circuit card protection for the 40K101 operator console.

50846S/1 — Instructions for installing the 346696 shield onto 40K001 interface connector (MUST requirement when installed on cabinet housing integrated controller).

50857S/3 — Internal numeric cluster opcon feature for EBCDIC application (40K105/CAA operator console plus support components).

50861S/2 — Instructions for installing circuit cards and keytops to provide for alteration of layout of 40K104/DAB or 40K203/GAB typewriter style operator consoles.

50918S/2 — 408816, 408818, 408820 or 408822, 408860, or 408862 kit to allow automatic field mark character insertion in a 40/4 mini-or maxi- cluster station arrangements.

50942S/1 — 346990 kit to provide a keyboard disable lock on a synchronous 40/4 detached keyboard.

50946S/1 — 408899 kit to provide an alternate keytop arrangement of 40K101/CAB operator console.

50947S/1 — Displaying and printing of fractions in Model 40/4 Single Display Station arrangements using 406086 and 408868 kits.

51060S/1 — 411382 kit to provide an alternate keytop arrangement for a 40K106/CAD keyboard when used in a 4430 terminal.

51065S/1 — 453999 keylock kit to provide keyboard disable lock for 40/4 detached keyboards (40K104 or 40K105 or 40K203 used in 40/4 station arrangements).

51068S/1 — 403158 kit to provide keytops to the 45K301/GAA/02, 45K301/GAA/03, 40K104/DAB, 40K203/GAB keyboards for use in the 4540 Station that support additional PF functions on the qwerty array.

51069S/1 — Instructions for installing the 403159 kit to provide keytops to the 45K301/GAA/02, 45K301/GAA/03, 40K104/DAB, 40K203/GAB keyboards for use in stations that support SNA functions.

51070S/1 — 403160 kit to provide keytops for the 40K104 keyboard used in the AT&T "BOSS" application.

51081S/1 — Instructions for installing a 454053 kit to provide keytops to convert a 40K106/CAD keyboard into a 40K106/CAE keyboard.

## C. Controller

50803S/2 — 345625 kit to provide 9140 station controllers, interfaced with 40-type terminals, with audible alarm (when station not ready to receive) and answer-back start (on vertical parity error in text).

2.05 40 TYPE APPARATUS (Contd)

C. Controller (Contd)

50825S/2 — 403400 and 403399 kits to provide 20/60 milliampere current loop and printer interface for the 40C204 controller.

50835S/1 — 402180 kit to provide 20/60 milliampere current loop and printer interface for the 40C204 controller.

50843S/2 — 407414 kit to provide DC1, DC3, and EOT character options to the 410674 circuit card for the 40C204 controller.

50845S/3 — 402310 kit to provide 40/2 sets with preparatory send mode and even parity generation/detection.

50848S/2 — 402320 kit to provide isochronous operation for 40/2 sets using synchronous data sets with external timing option.

50849S/2 — 402325 kit to provide 40/2 stations that are equipped with a 40C204 controller with alteration of line disconnect, reverse channel, and printer motor control features.

50850S/1 — Instructions for modifying circuit card 410408 for asynchronous baud rates other than standard.

50851S/3 — 402315 or 402316 kit to convert a 410001 or 410009 circuit card to a 410018 circuit card. 406328 kit to convert a 410001 or 410018 circuit card to a 410009 circuit card.

50852S/3 — Instructions for installing 407376 printer motor timer kit on a 410770 or 410580 circuit card.

50855S/1 — 402307 kit to add control character video blanking to cache and character generator assembly circuit cards 410020, 410021, 410022 and 410657.

50859S/2 — Synchronous 40/4 mini-cluster and maxi-cluster station cabling.

50860S/1 — Instructions for installing 402330 kit alteration of the Request To Send (RTS) EIA signal in the 40C204 controller interface.

50870S/1 — Instructions for installing 407377 SSI clock detect kit on 410770 or 410582 circuit card.

50875S/2 — Instructions for installing 402326 kit to a 9140 or 9141 Station Controller to provide 2400 baud isochronous, parity detect, and alarm features.

50879S/1 — Instructions for installing 408798 or 408800 kit to provide for Received Pad characters to be displayed as Quotes characters.

50883S/1 — 408796 kit to provide 9600 baud operation in a 40/4 Station Cluster Controller (SCC).

50886S/1 — Instructions for use of the 407346 Test ROM kit for 40C303AA/001 Controllers (ROP).

50895S/1 — 408804 kit to eliminate the one-second print-out delay when receiving successive messages in a 40/4 controller (40C403).

50903S/2 — 403418 kit to provide an audible alarm.

50908S/1 — Field support information for the simplified synchronous 40/4 terminal.

50920S/1 — Instructions for installation of 408788 kit to increase the program wait time interval for printer "Request Next Character" during print out operation in a 40/4 controller (40C403).

50921S/1 — 408789 kit to prevent one terminal on a mini-cluster controller having two KDs, from sending continuous SYN characters on line.

50927S/1 — Instructions for installing synchronous 40/4 Single Display Station Arrangements equipped with a 40C305 type controller, includes installation of 406094 kit.

50928S/1 — 406287 kit to provide a fan guard with horizontal air outlet.

50931S/1 — 408829 kit for PROM version (Mark II) mini-cluster controller with typewriter style opcons to provide automatic restoration of a keyboard to the local mode of operation in certain instances.

50932S/1 — 408833, 408834, 408836, 408838, 408854 or 408856 kit to allow a 40/4 Station to continuously transmit ENQ (Enquiry) every 2.5 seconds until the host responds to text sent by the station.

## 2.05 40 TYPE APPARATUS (Contd)

## C. Controller (Contd)

- 50934S/1 — 48 line device buffer feature for synchronous 40/4 Station Arrangements.
- 50938S/1 — 408852 kit to improve formatted message operation of the 40C403 mini-cluster controller.
- 50945S/1 — 408864 kit to provide insert mode, erase to end of field, and delete functions in a Model 40/4 Maxi-Cluster or Mini-Cluster Station arrangement.
- 50947S/1 — Displaying and printing of fractions in Model 40/4 Single Display Station arrangements using 406086 and 408868 kits.
- 50948S/1 — 408858 kit to provide program change to Device Cluster Controller (DCC) containing the 48 line device buffer feature.
- 50949S/1 — Instructions for installation of 408868 kit and 410439 circuit card to provide display and printing of fractions in Model 40/4 mini- and maxi - EPROM versions station arrangements.
- 50950S/1 — 408870 and 409989 kits providing up to two seconds for connected device cluster controller to enter the receive mode.
- 50965S/1 — 403126 kit to provide Device Cluster Controller (DCC) locked buffer override.
- 50970S/1 — 403132 kit to provide 9600 baud operation in a Model 40/4 Mark II Station Cluster Controller.
- 50971S/1 — 408874 kit to provide tab to color feature for 40/4 typewriter style Mini-Cluster Controllers (MCC) — EPROM version.
- 50973S/1 — 403128 kit to provide program changes to Model 40/4 EPROM Station Cluster Controller to prevent lockup due to receiving a bad block check sequence in combination with an invalid buffer address or device address or missing ESC character.
- 50974S/1 — 403134 kit to provide program changes to 40/4 EPROM station cluster controller to correct the resetting of printer-done status and sense message and to improve 9600 BPS operation on systems using NCP/VTAM.
- 50978S/1 — 408876 kit to provide tab to color feature for 40/4 Device Cluster Controller — EPROM version.
- 50980S/1 — 403138 kit for EPROM typewriter style MCC to prevent reset of S&S when EOT is received as a response to the S&S, insures reset of device-no-longer-busy S&S upon select, prevents clearing of paper-out S&S when lid is raised during printing.
- 50988S/1 — Instructions for installing a 403124 kit to Mini-Cluster Controller - typewriter - style (MCC) equipped with 410525 circuit card to prevent a printer from responding to a select sequence with a WACK after having sent "Device No Longer Busy".
- 50999S/1 — Instructions for the use of the 453936 kit for 40C303AD controllers (ROP).
- 51000S/1 — Instructions for the use of the 453938 kit for 40C303AD controllers (ROP).
- 51001S/1 — 406207 kit to allow replacement of 40C303/AA with a 40C303/AC or 40C303/AD integrated controller used in tractor feed printer arrangements.
- 51007S/2 — Instructions for installing modifications to allow a 40/1 controller (40C202) to operate with a Bell System 212 Data Set in the conversational (S/R) mode.
- 51011S/1 — 403130 kit to prevent certain backend lock-ups in 40/4 Maxi-Cluster Arrangements.
- 51025S/1 — 406565 kit to provide a 300 millisecond line break feature for Model 40/2 keyboard display terminals.
- 51028S/1 — 403144 kit to provide proper message control in 40/4 Single Display Station arrangements.

2.05 40-TYPE APPARATUS (Contd)

C. Controller (Contd)

51030/1 — Instructions for the use of the 413368 kit for 40C303AD Controllers (ROP).

51031S/1 — Instructions for the use of the 413370 kit for 40C303AD Controllers (ROP).

51032S/1 — Instructions for the use of the 413369 kit for 40C303AD Controllers (ROP).

51052S/1 — Instructions for the use of the 452997 kit for 40C303AC/003 synchronous ROP controller.

D. Monitor

50810S/1 — 403594 kit to eliminate ground loops in early version 40MN101 and 40MN201 display monitors when used in a set or station containing the new version of 40PSU101 power supply (serial no. above 10,000).

50816S/2 — 402286 kit to provide improved CRT tilt mechanism for monitors.

50909S/1 — 408892 kit to repair 40-type display monitor CRT with broken tilt lever mounting tab.

50916S/1 — 402327 kit to allow automatic skip of protected fields in a 40/1 or 40/2 station.

50930S/3 — Instructions for installing 406166 monitor mounting bracket kit.

E. Printer

50811S/4 — 402618 and 402633 kits to provide an improved motor control relay and 50/60 hertz motor for friction feed printers (40P101 and 40P102).

50815S/4 — 403380 kit for multicopy roll paper on friction feed printers.

50819S/1 — 405905 kit to provide a replacement for the 400552 spindle which is no longer available for the 80-column friction feed printer.

50827S/1 — Instructions for installing and using the 402617 adjusting gauge, the 402868 bar gauge and the 402878 pallet depth gauge for the 40-type 80-column friction and tractor feed printers.

## 2.05 40 TYPE APPARATUS (Contd)

## E. Printer (Contd)

50834S/2 — 408040 kit to prevent loosening of motor fan on printer.

50836S/3 — 402866 kit to provide improved ribbon tracking for 80-column tractor feed printers.

50841S/1 — 402845 kit to provide improved ribbon tracking on friction and tractor feed printers.

50847S/1 — 402850 kit to convert a 40-type 80-column tractor feed printer for printing on multiply forms without an ink ribbon.

50868S/1 — 402936 kit to provide a replaceable ribbon shield on 40-type 80-column tractor feed printer.

50869S/1 — 408660 kit to provide a retaining device to prevent possible separation of the paper handling assembly (with handle) from the 132-column printer side castings during maintenance or installation.

50873S/2 — 407104 kit to equip friction feed printer (40P101) with acoustical noise reduction parts.

50880S/2 — Instructions for using 408646 Printer Test Set with friction and tractor feed printers.

50882S/3 — 408680 kit that provides a redesigned paper-out actuator for 80-column tractor feed printer (40P150 through 40P153).

50885S/1 — 400378 kit to replace 40-type friction feed 400204 front casting with 402858 front casting and associated parts.

50894S/1 — Instructions for installing and optioning the 410072 132-column printer logic card and 402887 kit which provides the 410072 card and 402980 lower pan.

50897S/1 — Instructions for installing and optioning the 410076 80-column printer logic card.

50900S/1 — Instructions for installing and optioning the 410071 printer logic circuit card.

50901S/4 — 402920 kit to provide 40-type 80-column and 132-column tractor feed printers with a paper jam alarm.

50904S/1 — 408681 kit to provide redesigned paper-out switch.

50905S/3 — 407790 kit to provide a reinking device on a 40-type 132-column tractor feed printer.

50906S/1 — 346745 kit which provides instructions for optioning and installing the 410085 OEM card into 40P102 friction feed printer for OEM interface.

50913S/4 — 408990 kit to provide a reinking device on a 40-type 80 column tractor feed printer.

50923S/1 — 403488 kit to convert 40P250 form access printer to 6-lines-per-inch form feeding.

50924S/1 — Instructions for installing 407800 meter roller set on a 40-type 80- or 132-column tractor feed printer.

50925S/1 — Instructions for installing 407777 ribbon cartridge set on a 40-type 80- or 132-column tractor feed printer.

50929S/3 — 406273, 406274, 406275, 406276, 400101 and 402707 kits to equip 40-type print head with wear rod retainers.

50940S/1 — 406337 or 406338 motor control kit that provides relay noise suppression to 80-column tractor feed printer power modules.

50997S/2 — 406454 kit to provide a repositioning feature for forms access printer top cover.

2.05 40 TYPE APPARATUS (Contd)

F. Teletypewriter Set

50822S/2 — 402178 kit to interface a DATASPEED 40/2 Set with Bell System Data Set 113A.

50893S/1 — 407280 kit to join 40M102 Memory System to 40CAB902/AA cabinet for use with 40-type ASR Set.

50907S/1 — Instructions for installing 408890 conversion kit for removing the opcon and monitor in 40/1, 2 or 3 terminal.

50939S/1 — 406095 kit to allow the use of the 4042AA00/AA Set as a 40/2A Terminal.

G. Miscellaneous

50800S/3 — 344555 kit to provide individual receiver selection facilities for set combinations equipped with a 9140 Station Controller with 322409 circuit card.

50808S/1 — General instructions, Description, Principles of Operation, Installation, Checkout and Disassembly and Reassembly for the 345630 EIA switch assembly.

50817S/3 — Paper winder (40PWU101 and 40PWU102).

50837S/2 — 402232 transformer assembly to adapt apparatus requiring 115 V ac input to a 100 V ac source.

50853S/1 — Keyboard display amplifier, 405982 kit (in line mounting) and 405983 kit (cabinet mounting).

50865S/2 — Instructions for installing a 40AB101/AA answer-back unit.

50917S/1 — Instructions for installation of 408815 modification kit that converts a 40C401-type controller into a test signal generator 40/4 line simulator (TSG40/4LS).

50941S/1 — 406231 and 406232 junction box kits to provide for interconnection of distantly located SSI devices in 40/8C Station Arrangements.

50955S/1 — Instructions for installing a 40AB101/AC answer-back unit.

50998S/1 — 403103 isolated current interface.

2.06 43 TELEPRINTER APPARATUS

A. Teletypewriter Set

50822S/2 — 402178 kit to interface a 43 Teleprinter Set with Bell System Data Set 113A.

50944S/1 — Basic 43 Teleprinter — 430900 answer-back kit with PROM.

50961S/2 — Instructions for adding the 410755 Terminal Auxiliary Unit (TAU1) to 43 Basic Teleprinter.

50962S/3 — Basic 43 RO Teleprinter — 430910 selective calling kit.

50982S/1 — 43 Basic Teleprinter (ASCII) with selective calling feature for private line applications testing — using Pacer M103 Commercial Test Set.

50990S/1 — 430911 kit to add AC distribution to the 43 KSR Pedestal 430311.

50993S/3 — Instructions for converting a 43 Teleprinter sprocket feed (13 characters per inch) terminal to print out 10 characters per inch and for converting a 42/43 Teleprinter tractor feed (10 characters per inch) terminal to print out 13 characters per inch.

50994S/3 — Instructions for adding a 430310 copyholder to a 42 or 43 Teleprinter.

50998S/1 — 403103 isolated current interface.

51004S/1 — Instructions for converting a basic 43 Teleprinter to a basic 43 Teleprinter with dual port interfacing.

51006S/1 — Instructions for installation of a 430311 KSR/RO or 430350 ASR pedestal.

51009S/1 — 43 Teleprinter instructions for modifying a 43 Teleprinter to provide 8 lines per inch vertical spacing.

51010S/1 — 430442 kit to replace the two piece lead screw bearing on the 43 Teleprinter.

51014S/1 — 430429 kit for spacing motor conversions and the 430440 kit to reduce character width variations for the 43 Teleprinter.

## 2.06 43-TYPE APPARATUS (Contd)

## A. Teletypewriter Set (Contd)

51024S/1 — Instructions for providing external speed control of any Basic 43 Teleprinter and/or control of the auxiliary data set ready lead by the line part clear to send lead in Dual Port 43 Teleprinters.

51035S/1 — Instructions for adding a 430400 paper winder to a friction feed 42 or 43 teleprinter.

51036S/1 — Instructions for installing the 420101 line interface.

51045S/1 — Instructions for refurbishing the 430035 ribbon cartridge using kits 454618 and 454619.

51047S/1 — 430903 kit to convert the 42 or 43 teleprinter from tractor feed to friction feed.

51048S/1 — Instructions for installing the 420301 line interface.

51049S/9 — Instructions for configuration and assembly of feature groups and keytops for the 42/43 Buffered Teleprinters.

51051S/1 — Instructions for modifying the 43 Basic Teleprinter (equipped with a standard answer-back kit) to provide a switch controlled dual answer-back message.

51053S/1 — 454668 kit to provide electronic top of form and other enhancements for basic 43 Teleprinter tractor feed KSR and RO.

51055S/2 — Instructions for configuration and assembly of feature groups and keytops for the 43 Buffered Teleprinters used in the Bell System.

51058S/1 — Instructions for installing the 412041 maintenance part kit for 42/43 Paper Tape Unit retrofit.

51059S/1 — Instructions for installing the 454630 ribbon shield onto the 43 Teleprinter.

51062S/2 — Description of the 430920 and 430969 weather font kit for 42 (43 5-level) Buffered Selective Calling Teleprinters (pin and friction feed).

51063S/1 — 430899 APL alternate font kit for basic and buffered 43 8-level pin feed and friction feed teleprinters.

51073S/1 — Instructions for installing the 430647 line shunt kit on basic 43 Teleprinter equipped with the 410755 interface.

51076S/1 — Instructions for installing the 454778 kit on the 42/43 Tractor Feed Teleprinter.

51082S/1 — Instructions for providing answer-back suppression on a Basic 43 or RO Teleprinter, equipped with a 430900 answer-back kit, if terminal ready lead is off or if the teleprinter cover is open.

51088S/1 — Instructions for installing the paper deflector and guides on the 42/43 Tractor Feed Teleprinter.

## 2.07 4500-TYPE APPARATUS

## A. Cabinets and Tables

50957S/4 — Instructions for assembling 4540-type tables, 45CAB501/AAA (36 inches), 45CAB502/AAA (45 inches), 45CAB503/AAA (20 inches) and 45CAB505/AAA (24 inches) wide.

50983S/1 — Instructions for installing 451340 kit (208-type data set ventilation) for use on 45CAB401/AA cabinet.

50995S/2 — 452730 kit to provide a high voltage static neutralizer for the 45CAB701/AAA cabinet.

51021S/1 — 452763 kit for use on a 45CAB401/AAA cabinet (201-type data set shelf assembly).

51057S/1 — 454172 form accumulator shelf modification kit for tabletop 15 inch auxiliary matrix character printers.

51072S/2 — 411465 modification kit to provide new cabinet trim on 45CAB701 and 45CAB702 cabinets.

51074S/1 — Instructions for replacing 452696 support arm.

## B. Controller

51037S/1 — Instructions for installing the 403148 kit for the 45G110/AA feature group and the 403146 kit for the 45G110/AB/01, 02, 03, or 04 feature groups to correct certain RVI conditions.

2.07 4500-TYPE APPARATUS (Contd)

B. Controller (Contd)

51075S/1 — 4540 BSC: 411899 kit for 45FG110/AE/01 feature group to prevent station lock-up on receipt of double EOT.

C. Keyboard

50966S/2 — 347300 kit to provide disable key-lock switch for 45K300 series keyboards.

51034S/1 — 453973 kit to provide special key-tops to a 45K301 type keyboard used in a 4540 Station arrangements.

51046S/1 — 403141 kit to provide keytops to the 45K301/GAA/02 and 45K301/GAA/03 keyboards for use in the 4540 family of inter-active stations that support additional PF functions.

51068S/1 — 403158 kit to provide keytops to the 45K301/GAA/02, 45K301/GAA/03, 45K104/DAB, 40K203/GAB keyboards for use in the 4540 Station that support additional PF functions on the aqerty array.

51069S/1 — Instructions for installing the 403159 kit to provide keytops to the 45K301/GAA/02, 45K301/GAA/03, 40K104/DAB, 40K203/GAB keyboards for use in stations that support SNA functions.

D. Miscellaneous

50998S/1 — 403103 isolated current interface.

51026S/1 — Specification for SSI switch assembly — 452190.

51041S/1 — 453970 keylock kit to provide keyboard disable lock for 40/4 keyboards used in 4540 Station arrangements.

51054S/4 — Specification for 45LU101 coaxial/SSI line unit for 4540 applications (cluster and single display).

2.08 HIGH SPEED TAPE APPARATUS

A. Tape Apparatus Sets

50077S/1 — 146532 transmit-receive terminal kit to provide connections between DATA-SPEED transmitting terminal and DATA-SPEED receiving terminal to a 202-type Data Set and also provide means of manually selecting the DATASPEED terminal to operate with the data set.

50147S/2 — 148161 kit to equip DATASPEED-transmitter for interim unattended answer operation.

50228S/1 — 146774 and 146775 kits to provide OFF-ON toggle switch (to replace pushbutton tape winder switch) on receivers and senders, respectively, in tape-to-tape systems.

50232S/2 — 148164 kit to provide mounting brackets for tape winder or tape unwinder on high speed tape-to-tape sender or receiver cabinet.

50269S/1 — 146780 kit to convert Type 1 High Speed Tape-To-Tape System Receiver to Type 2 Receiver.

50270S/1 — 146781 kit to convert Type 1 High Speed Tape-To-Tape System Sender to Type 2 Sender.

50332S/1 — 199550 kit to provide protected unattended transmitter identifier module for Type 1 and Type 2 Tape Receivers.

50336S/2 — 199551 discrete calling recognizer kit for Type 1 and Type 2 Tape Senders.

50349S/2 — 199610 send-receive terminal kit for Type 2 High Speed Tape Systems.

50497S/1 — 148900 kit to bypass the connections between the connector and DRPE driver circuit card in the 199540 receiver module Type 5.

50616S/2 — 308514 kit to provide send-receive terminal on Type 4 equipment.

50618S/2 — 320297 kit to provide high speed chad disposal and tape puller on Type 5 Receiver Terminal.

50640S/1 — 329100 kit to provide tape handling facility for Type 5 Table-Mounted Sender.

50724S/3 — 9160 Item Selector on DATA-SPEED Type 2 RO Sets or \*VS261 DRPE receiver installation instructions.

50760S/1 — 342065 kit to permit mounting 9160 Item Selector in \*AC391 cabinet for \*VS261.

B. High Speed Tape Reperforator and Base

5786S/2 — 135259 or 113762 kit to provide motor mounting and drive parts (BRPE).

5852S/1 — 136085 kit (\*TW200) to provide a guide for 11/16 inch wide tape (BRPE).

5876S/2 — 136127 kit to equip a unit with a motor cover (BRPE).

5944S/4 — 143044 and 143062 kits to provide motor mounting and drive parts (BRPE).

50108S/1 — 148123 synchronization circuit kit (BRPE).

50168S/2 — 148288 kit to provide mounting for the 142933† chad box (BRPE).

50212S/1 — 148394 kit on BRPEB base to provide vibration isolated tape reel and brake for minimum tape load (BRPE).

50617S/1 — 302977 kit to add a photo-electric verifier and light source (DRPE).

50709S/1 — 337812 time delay kit for DRPE power supplies.

50759S/1 — 342074 kit to convert 5B DATA-SPEED to 6-level tape with advance feed hole.

### C. High Speed Tape Reader

50739S/3 — 336970 kit to permit CX tape reader (\*CX602 or 2A DATASPEED) to operate with an IBM computer.

50757S/2 — 334601 kit to permit mounting high speed tape readers \*DX1, 3, 800, 801, and 802 in 19-inch relay rack.

## 2.09 MISCELLANEOUS

### A. Apparatus Cabinet

5648S/2 — 122058 glass panel (red amber) and 129697 glass panel and mounting channel for tape storage box of 100-type cabinet.

5980S/6 — 172950 and 172960 kits in the 100E apparatus cabinet to make possible the use of 28 reperforator-transmitters with 8 1D1 switching systems: 136211 kit to provide improved tape drive parts for 100E apparatus cabinet using 14 type equipment.

†Canceled

50321S/1 — 149787 kit to add spring load to tape supply brake arm on tape-to-tape system apparatus cabinets.

50322S/1 — 148163 kit to provide mounting bracket for tape feeder on tape-to-tape system apparatus cabinets.

### B. Data Selective Calling System

50266S/1 — 199779 kit to secure final adjustment of the code reading contacts on 1A.

50408S/1 — 148188 kit to provide tape motion failure alarm on H/L converters using punches (DRPE).

50409S/1 — 148190 kit to provide CX reader motor control in 1A system L/H converters; also kit 146935 to add CX reader motor control to 1A tape senders.

### C. DATASPEED Page Printer

50734S/1 — 325360 kit to provide reduced maintenance and improved reliability for a 2101AA INKTRONIC RO Data Terminal.

### D. Magnetic Tape Terminal

50763S/1 — 337465 kit to provide tape cleaners for \*DMT800 magnetic tape transports, not so equipped.

50805S/1 — 345701 kit to provide forced ventilation for the magnetic tape DMAC800 cabinet.

51038S/1 — 181180 kit to provide a 310290 fan replacement set of parts in the DMT and LCXB806 units.

### E. Motor

5770S/1 — 136035 and 136036 kits to provide improved start winding cutout switches for synchronous motors.

50049S/2 — 145807 maintenance parts kits to provide gears for motor used in 100E teletype-writer apparatus cabinet.

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### 2.09 MISCELLANEOUS (Contd)

#### F. Paper Winder

5982S/5 — 306988 kit to minimize wear of paper spindle shaft on 146316† (component of 146320 kit) or 164625† (component of 164925 and 164926 kits) paper winder assembly.

50197S/1 — 195613 kit to provide a paper guide rod which routes the printed copy from the platen of the typing unit to a paper winder at the rear of the typing unit in 28 apparatus cabinets for multiple-mounted page printers.

50318S/3 — 149670 or 149987† kit to prevent wear of 15 paper winder motor bearings and paper spindles.

50600S/1 — 320033 kit using paper winder 1A with wall mount printer set.

50608S/1 — 327102 kit to provide improved parts for the 1A paper winder.

#### G. Tape Dryer

5626S/3 — 118808 kit to provide dry tape at high humidity locations.

#### H. Tape Reader

50213S/3 — 179515 kit to enable tape reader to alternately read multilevel tapes.

#### I. Tape-To-Tape Code Converters and Systems

50216S/1 — 194727 kit to provide center unwind parts for either 5-to-8 or 8-to-5 level tape-to-tape code converters.

50217S/2 — 194728 kit to provide shelf for tape winder on code converter cabinet.

50221S/1 — 198640 kit to provide center unwinder for tape sender used in high speed tape-to-tape systems.

#### J. Tape Unwinder

50391S/2 — Instructions for installing \*TUW200 tape unwinder.

#### K. Tape Winder

5723S/8 — Motor driven tape winders.

5884S/4 — 4A single-reel motor driven tape winder.

5908S/6 — 162244 kit to provide housing and mounting facilities for 4A tape winder on teletypewriter cabinet.

5976S/10 — 5A and 5B rim-driven tape winders; 164516 kit to provide reel-full alarm, and 194770 kit to provide cover for 5B tape winder.

50098S/3 — 146626 kit to adapt 199901† tape reel to tape winder, also, kit 146822 to adapt 199901† tape reel to the 115753 tape winder.

50171S/1 — 148135 kit to provide cover for tape winder (\*TW17).

50315S/2 — 195105 kit to provide cover for three reel rim-driven tape winder.

50324S/1 — 195108 kit to adapt single reel rim-driven tape winder for mounting in lower left compartment of certain ASR cabinets.

#### L. Teletypewriter Tools

50215S/2 — 197673 kit (used with 161430† handwheel) to check statistically the relation of the stunt box opening and closing.

#### M. Test Equipment

5679S/2 — 122391 kit to equip 1A Teletypewriter Test Set for the transmission of alternate R and Y signals.

50099S/1 — 146439 adapter for adjusting the circuit assurance card in the automatic line switching system send set.

†Canceled

2.09 MISCELLANEOUS (Contd)

N. 2511 Communications Display Terminal (CDT) (Contd)

50737S/1 — 335434 kit to provide signal line filter on one interface cable in cabinet (\*CDAC801 or 802).

50738S/1 — 335448 kit on \*CDAC801 or 802 cabinets to provide 343683 signal line filter for interface cable of Cluster Controller.

50740S/1 — 335446 kit to provide increased air circulation on cabinets (\*CDAC801 or 802).

50743S/3 — 323540 line monitor test set installation instructions.

50774S/1 — 344360 indicator card kit in the CDIF814.

50933S/1 — 338601 kit to provide a 401002 replacement bridge rectifier with mounting hardware for the 329126 bridge rectifier used on CDPS802, CDPS803 and CDPS805 power supplies.

O. 2550A1 Cluster Controller

50742S/3 — 340210 indicator panel installation instructions.

50743S/3 — 323540 line monitor test set installation instructions.

## 3. MODIFICATION KIT INDEX

<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>	<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>
113762	5786S	2.08 B.	151400	5671S	2.01 S.
115753	50098S	2.09 K.	151799	5767S	2.01 S.
118808	5626S	2.09 G.	151799	5767S	2.03 H.
122058	5648S	2.09 A.	151799	5767S	2.04 F.
122391	5679S	2.09 M.	151822	5664S	2.01 B.
129697	5648S	2.09 A.	151934	5726S	2.01 I.
135259	5786S	2.08 B.	151988†	50372S	2.01 J.
136035	5770S	2.09 E.	152021	5662S	2.01 B.
136036	5770S	2.09 E.	152300	5729S	2.01 J.
136085	5852S	2.08 B.	152302	5751S	2.01 S.
136127	5876S	2.08 B.	152303	5751S	2.01 S.
136166†	5896S	2.01 A.	152307	5760S	2.01 S.
136211	5980S	2.09 A.	152310	5775S	2.01 J.
142933†	50168S	2.08 B.	152313	5797S	2.01 K.
143044	5944S	2.08 B.	152321†	5775S	2.01 J.
143062	5944S	2.08 B.	152322	5788S	2.01 S.
145807	50049S	2.09 E.	152325	5701S	2.01 B.
145898	50208S	2.01 J.	152326	5664S	2.01 B.
146316†	5982S	2.09 F.	152328	5662S	2.01 B.
146320	5982S	2.01 A.	152329	5706S	2.01 B.
146320	5982S	2.09 F.	152330	5774S	2.01 B.
146439	50099S	2.09 M.	152332	5779S	2.01 B.
146532	50077S	2.08 A.	152333	5796S	2.01 I.
146626	50098S	2.09 K.	152334	5795S	2.01 I.
146774	50228S	2.08 A.	152335	5788S	2.01 S.
146775	50228S	2.08 A.	152336	5706S	2.01 B.
146780	50269S	2.08 A.	152337	5823S	2.01 S.
146781	50270S	2.08 A.	152338	5661S	2.01 I.
146815†	50379S	2.03 C.	152340	5789S	2.01 S.
146815†	50666S	2.03 C.	152340	5789S	2.03 H.
146822	50098S	2.09 K.	152344	5737S	2.01 I.
146935	50409S	2.09 B.	152345	5823S	2.01 S.
147127	50159S	2.01 F.	152348	5788S	2.01 S.
147720	50415S	2.01 J.	152350	50334S	2.01 S.
148123	50108S	2.08 B.	152434	5843S	2.01 S.
148135	50171S	2.09 K.	152502	5830S	2.01 S.
148161	50147S	2.08 A.	152623	5664S	2.01 B.
148163	50322S	2.09 A.	152624	5662S	2.01 B.
148164	50232S	2.08 A.	152625	5701S	2.01 B.
148188	50408S	2.09 B.	152718	5671S	2.01 S.
148190	50409S	2.09 B.	152719†	5671S	2.01 S.
148288	50168S	2.08 B.	152744	5701S	2.01 B.
148394	50212S	2.08 B.	152750†	5995S	2.01 B.
148630	50329S	2.01 O.	152833	5716S	2.01 S.
148900	50497S	2.08 A.	152900	5784S	2.01 S.
149670	50318S	2.09 F.	152902	5821S	2.01 J.
149787	50321S	2.09 A.	152903	5864S	2.01 S.
149896	50369S	2.01 C.	152904	5726S	2.01 I.
149987†	50318S	2.09 F.	152905	5726S	2.01 I.
151400	5706S	2.01 B.	152906	5726S	2.01 I.
			152910	5729S	2.01 J.

†Canceled

## 3. MODIFICATION KIT INDEX (Contd)

<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>	<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>
152911	5737S	2.01 I.	154141	5657S	2.01 I.
152915	5765S	2.01 S.	154142	5892S	2.01 F.
152916	50369S	2.01 C.	154142	5892S	2.01 I.
152916	5765S	2.01 S.	154145	5765S	2.01 S.
152917	5766S	2.01 S.	154145	50369S	2.01 C.
152917	5766S	2.03 H.	154146	5766S	2.01 C.
152918	5766S	2.01 C.	154146	5766S	2.01 S.
152918	5766S	2.01 S.	154146	5766S	2.03 H.
152918	5766S	2.03 H.	154146	5766S	2.03 I.
152918	5766S	2.03 I.	154147	5795S	2.01 I.
152919	5719S	2.01 S.	154334	5872S	2.01 S.
153040	5706S	2.01 B.	154350	5994S	2.01 I.
153251	5706S	2.01 B.	154351	5994S	2.01 F.
153491	5843S	2.01 S.	154370	50048S	2.01 S.
153726†	50328S	2.01 S.	154651	50372S	2.01 J.
153726†			154723	5843S	2.01 S.
through			154726†	5796S	2.01 I.
153729†	5792S	2.01 S.	154727	5839S	2.01 S.
153771†			154733†	5776S	2.01 B.
through			154741	5827S	2.01 J.
153787†	5792S	2.01 S.	154742	5854S	2.01 S.
153901	5805S	2.01 J.	154744	5853S	2.01 J.
153904	5843S	2.01 S.	154747	5776S	2.01 B.
153905	5816S	2.01 S.	154753	5821S	2.01 S.
153906	5811S	2.01 S.	154754	5846S	2.01 J.
153907	5751S	2.01 S.	154755	5872S	2.01 S.
153910	5814S	2.01 S.	154756	5850S	2.01 J.
153911	5776S	2.01 B.	154758	5847S	2.01 J.
153913	5866S	2.01 S.	154758	5847S	2.01 S.
153914	5816S	2.01 S.	154760		
153915	5847S	2.01 J.	through		
153915	5847S	2.01 S.	154771	50004S	2.01 S.
153918	5847S	2.01 J.	154760		
153918	5847S	2.01 S.	through		
153919	5820S	2.01 S.	154771	50004S	2.03 H.
153920	5827S	2.01 J.	154777	5853S	2.01 J.
153921	5757S	2.01 I.	154780	5864S	2.01 S.
153923	5706S	2.01 B.	154781	5864S	2.01 S.
153924	5833S	2.01 S.	154787	5859S	2.01 S.
153926	5792S	2.01 J.	154792	5872S	2.01 S.
153926	5792S	2.03 A.	154793	5739S	2.01 J.
153927			154797	5882S	2.01 S.
through			154798	5913S	2.01 S.
153936	5751S	2.01 S.	154798	5913S	2.03 H.
153941	5847S	2.01 J.	155763	5751S	2.01 S.
153941	5847S	2.01 S.	155764	5751S	2.01 S.
153945	5788S	2.01 S.	155765	5751S	2.01 S.
153946	5807S	2.01 S.	156444†	5933S	2.01 P.
153947	5810S	2.01 S.	156773	5836S	2.01 N.
153948	5833S	2.01 S.	157352†	5827S	2.01 J.
153949	5815S	2.01 S.	157503†	5864S	2.01 S.

†Canceled

## 3. MODIFICATION KIT INDEX (Contd)

<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>	<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>
157509	5823S	2.01 S.	160224	5879S	2.01 J.
157510	5766S	2.01 S.	160334	50152S	2.01 B.
157510	5766S	2.03 H.	160335	5880S	2.01 G.
157511	5765S	2.01 S.	160387	5915S	2.01 J.
157513	5751S	2.01 S.	160387	5928S	2.01 J.
157514	5783S	2.01 S.	160388	5915S	2.01 J.
157515	5864S	2.01 S.	160388	5928S	2.01 J.
157516	5864S	2.01 S.	160422	5707S	2.01 J.
157526	5864S	2.01 S.	160450	5896S	2.01 A.
157527	5864S	2.01 S.	160881	5534S	2.01 F.
157528	5751S	2.01 S.	160881	5534S	2.03 F.
157529	5751S	2.01 S.	160886	5890S	2.01 S.
157530	5751S	2.01 S.	160887	5885S	2.01 J.
157530	50004S	2.01 S.	160888	5885S	2.01 J.
157530	50004S	2.03 H.	160889	5885S	2.01 J.
157531	5751S	2.01 S.	160890	5885S	2.01 J.
157535	5864S	2.01 S.	161140	5751S	2.01 S.
157536	5864S	2.01 S.	161280	5898S	2.01 S.
158820†	50052S	2.01 N.	161304	5534S	2.01 F.
159356	5792S	2.01 S.	161304	5534S	2.03 F.
159357	5853S	2.01 J.	161306	5823S	2.01 J.
159360	5878S	2.01 O.	161307	5923S	2.01 J.
159361	5757S	2.01 J.	161321	5905S	2.01 O.
159363	5534S	2.01 F.	161340	5889S	2.01 O.
159363	5534S	2.03 F.	161341	5889S	2.01 O.
159364	5534S	2.01 F.	161430†	50215S	2.09 L.
159364	5534S	2.03 F.	161441	5910S	2.01 S.
159366	5789S	2.01 S.	161585	5981S	2.01 L.
159369	5782S	2.01 S.	161587	5940S	2.01 N.
159370	5782S	2.01 S.	161678	5964S	2.01 A.
159373	5730S	2.01 J.	161680	5963S	2.01 P.
159375	5853S	2.01 J.	161767	5751S	2.01 S.
159377	5926S	2.01 O.	161814	50055S	2.01 J.
159379	5886S	2.01 F.	161815	5929S	2.01 J.
159379	5886S	2.01 O.	161815	5929S	2.01 L.
159379	5886S	2.01 P.	161827	5932S	2.01 P.
159380	5886S	2.01 F.	161828	5534S	2.01 F.
159380	5886S	2.01 O.	161828	5534S	2.03 F.
159380	5886S	2.01 P.	161829	5928S	2.01 J.
159381	5886S	2.01 F.	161833	5927S	2.01 L.
159381	5886S	2.01 O.	161868	5941S	2.01 I.
159381	5886S	2.01 P.	161868	5941S	2.01 J.
159382	5886S	2.01 F.	161868	5941S	2.01 N.
159382	5886S	2.01 O.	161869	5941S	2.01 I.
159382	5886S	2.01 P.	161869	5941S	2.01 J.
159391	5868S	2.01 I.	161869	5941S	2.01 N.
159392	5868S	2.01 I.	161921	5927S	2.01 L.
159395	5872S	2.01 S.	161999	5930S	2.01 A.
159398	5881S	2.01 D.	162012	5824S	2.01 S.
159417	5801S	2.01 P.	162013	5824S	2.01 S.
159953†	50151S	2.01 Q.	162213	5963S	2.01 P.

†Canceled

## 3. MODIFICATION KIT INDEX (Contd)

<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>	<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>
162217	5963S	2.01 P.	163714	50107S	2.01 L.
162224	50030S	2.01 I.	163732	50107S	2.01 L.
162235	5885S	2.01 J.	163752	5981S	2.01 L.
162242	5878S	2.01 O.	163775	5947S	2.01 F.
162244	5908S	2.01 J.	163775	5947S	2.01 I.
162244	5908S	2.09 K.	163945	5886S	2.01 F.
162245	5534S	2.01 F.	163945	5886S	2.01 O.
162245	5534S	2.03 F.	163945	5886S	2.01 P.
162247	5905S	2.01 O.	164024†	5736S	2.01 J.
162273	5886S	2.01 F.	164077	5972S	2.01 F.
162273	5886S	2.01 O.	164077	5972S	2.01 I.
162273	5886S	2.01 P.	164091	5930S	2.01 A.
162274	5886S	2.01 F.	164092	5930S	2.01 A.
162274	5886S	2.01 O.	164108	5941S	2.01 I.
162274	5886S	2.01 P.	164108	5941S	2.01 J.
162308†	5954S	2.01 C.	164108	5941S	2.01 N.
162375	5909S	2.01 F.	164270	5977S	2.01 S.
162375	5909S	2.01 O.	164272	50001S	2.01 O.
162379	5945S	2.01 O.	164278	50001S	2.01 O.
162380	50059S	2.01 O.	164331	5962S	2.01 K.
162381	50206S	2.01 O.	164332	5956S	2.01 K.
162432	5889S	2.01 O.	164341	50086S	2.01 O.
162462	5894S	2.01 N.	164345	5962S	2.01 B.
162488	5922S	2.01 S.	164362	5853S	2.01 J.
162592	50005S	2.01 N.	164402	5955S	2.01 O.
162613	5820S	2.01 S.	164405	50001S	2.01 O.
162629	50105S	2.01 J.	164426	50112S	2.01 I.
162630	50105S	2.01 J.	164472	50045S	2.01 N.
162641	5948S	2.01 I.	164476	5964S	2.01 S.
162731	5892S	2.01 F.	164480	5960S	2.01 L.
162731	5892S	2.01 I.	164494	5675S	2.01 I.
162846	5933S	2.01 P.	164502	5954S	2.01 C.
162847	5751S	2.01 S.	164506	5952S	2.01 O.
162866	5782S	2.01 S.	164506	50111S	2.01 O.
162923	5973S	2.01 P.	164516	5976S	2.09 K.
162924	5974S	2.01 O.	164564	5971S	2.01 O.
163174†			164625	5982S	2.09 F.
through			164723	50001S	2.01 O.
163180	5864S	2.01 S.	164725	50001S	2.01 O.
163183	5946S	2.01 S.	164925	5982S	2.01 A.
163256	5801S	2.01 P.	164925	5982S	2.09 F.
163292	5872S	2.01 S.	164926	5982S	2.01 A.
163317	5939S	2.01 N.	164926	5982S	2.09 F.
163347	5945S	2.01 O.	164930	5985S	2.01 N.
163359	5948S	2.01 I.	164998	50030S	2.01 I.
163518	50004S	2.01 S.	165668	50306S	2.01 J.
163518	50004S	2.03 H.	170196	5534S	2.01 F.
163535	50004S	2.01 S.	170196	5534S	2.03 F.
163535	50004S	2.03 H.	170272	5885S	2.01 J.
163630	5986S	2.01 N.	170306	50001S	2.01 O.
163665	50046S	2.01 N.	163700†	50107S	2.01 L.

†Canceled

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## 3. MODIFICATION KIT INDEX (Contd)

<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>	<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>
172181	5996S	2.01 S.	174491	50015S	2.01 P.
172597†	5782S	2.01 S.	174546	50233S	2.01 E.
172625	5792S	2.01 S.	174551	50233S	2.01 E.
172625	5792S	2.03 H.	175198	50233S	2.01 E.
172640	5534S	2.01 F.	176138	50029S	2.01 F.
172640	5534S	2.03 F.	176138	50029S	2.01 O.
172663†	50107S	2.01 L.	176139	50033S	2.01 A.
172679	50002S	2.01 N.	176165	50067S	2.01 N.
172681	50106S	2.01 G.	176181		
172945	50006S	2.01 F.	through		
172945	50006S	2.01 I.	176197	5792S	2.01 S.
172950	5980S	2.09 A.	176258	50111S	2.01 O.
172960	5980S	2.09 A.	176264	50067S	2.01 N.
173122	5954S	2.01 C.	176272	50039S	2.01 I.
173142	5757S	2.01 I.	176300	50044S	2.01 J.
173238	50007S	2.01 J.	176395	50285S	2.01 C.
173336	5979S	2.01 O.	176405	50088S	2.01 C.
173338	5979S	2.01 F.	176420	50041S	2.01 S.
173339	5979S	2.01 O.	176420	50041S	2.03 H.
173343	50174S	2.01 L.	176421	50041S	2.01 S.
173400	5736S	2.01 J.	176421	50041S	2.03 H.
173443	50043S	2.01 O.	176540†	50100S	2.01 J.
173478	50008S	2.01 A.	176542	50086S	2.01 O.
173479	50008S	2.01 A.	176544	50070S	2.01 A.
173484	50057S	2.01 P.	176544	50070S	2.03 B.
173518	50677S	2.01 E.	176615	50050S	2.01 P.
173518	5819S	2.01 I.	176615	50050S	2.01 R.
173724	5995S	2.01 B.	176621	50054S	2.01 O.
173881	50069S	2.01 S.	176627	50111S	2.01 O.
173916†	50149S	2.01 K.	176628	50043S	2.01 O.
174043	50085S	2.01 S.	176713	50144S	2.01 J.
174067	5940S	2.01 N.	176714	50144S	2.01 J.
174149†	5971S	2.01 O.	176821	5751S	2.01 S.
174174	50004S	2.01 S.	176911†		
174174	50004S	2.03 H.	through		
174176	50039S	2.01 I.	176914†	5792S	2.01 S.
174195	50037S	2.01 N.	177010†	50042S	2.01 B.
174211	50214S	2.01 D.	177010†	50205S	2.01 D.
174216	50068S	2.01 I.	177015	50042S	2.01 B.
174285	50129S	2.01 O.	177051†	50112S	2.01 I.
174309	50078S	2.01 N.	177563	50485S	2.03 C.
174353	5971S	2.01 O.	178171	50005S	2.01 N.
174439	50041S	2.01 S.	178172	5864S	2.01 S.
174439	50041S	2.03 H.	178301	50004S	2.01 S.
174457	5889S	2.01 O.	178301	50004S	2.03 H.
174458	50073S	2.01 J.	178316	50065S	2.01 D.
174475	50034S	2.01 F.	178343	50060S	2.01 B.
174475	50034S	2.01 O.	178343	50065S	2.01 D.
174491	50015S	2.01 F.	178343	50060S	2.01 I.
174491	50015S	2.01 I.	178343	50060S	2.01 S.
174491	50015S	2.01 N.	178344	50060S	2.01 B.

†Canceled

## 3. MODIFICATION KIT INDEX (Contd)

<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>	<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>
178344	50060S	2.01 I.	179670	50110S	2.01 J.
178344	50060S	2.01 S.	179724	50150S	2.01 S.
178345†	50060S	2.01 B.	179724	50150S	2.03 H.
178345†	50060S	2.01 I.	179746	50225S	2.01 G.
178345†	50060S	2.01 S.	179953	50152S	2.01 B.
178345†	50065S	2.01 D.	179965	5801S	2.01 P.
178346	50065S	2.01 D.	180115	50416S	2.02 F.
178358	5823S	2.01 S.	180120	51066S	2.01 D.
178387	50051S	2.01 J.	180120	51066S	2.02 C.
178387	50051S	2.03 A.	180801	50370S	2.02 D.
178415	50069S	2.01 S.	181151	51066S	2.01 D.
178490	50103S	2.01 F.	181151	51066S	2.02 C.
178568			181180	51038S	2.01 D.
through			181180	51038S	2.09 D.
178584	5792S	2.01 S.	182044	50218S	2.02 G.
178568			182056	50448S	2.02 D.
through			182181	51066S	2.01 D.
178584	5792S	2.03 H.	182181	51066S	2.02 C.
178601	50205S	2.01 D.	182190	50396S	2.02 A.
178697	5534S	2.01 F.	182196	50498S	2.02 E.
178697	5534S	2.03 F.	182197	50498S	2.02 E.
178698†	5534S	2.01 F.	182266	50348S	2.02 G.
178698†	5534S	2.03 F.	182269	50264S	2.02 G.
178728	50080S	2.01 F.	182290	50238S	2.02 D.
178834	50038S	2.01 O.	182291	50238S	2.02 D.
178897†	5736S	2.01 J.	182487	50164S	2.02 A.
178917	5534S	2.01 F.	182491	50237S	2.02 A.
178917	5534S	2.03 F.	182491	50238S	2.02 D.
178918	5534S	2.01 F.	182903	50770S	2.02 E.
178918	5534S	2.03 F.	183128	50238S	2.02 D.
178956	50072S	2.01 M.	183138	50335S	2.02 F.
178957	50084S	2.01 N.	183859	50433S	2.02 C.
179129	50095S	2.01 N.	183877		
179133	50058S	2.01 O.	through		
179153	5800S	2.01 S.	183883	50410S	2.02 D.
179228	50095S	2.01 N.	183986		
179252	50109S	2.01 O.	A to D	50460S	2.02 D.
179369	50092S	2.01 A.	183986		
179369	50092S	2.01 S.	A to D	50473S	2.02 E.
179393	5809S	2.01 J.	184157	50413S	2.02 D.
179393	5809S	2.03 A.	184165†	50651S	2.02 B.
179416	50100S	2.01 J.	185703	50473S	2.02 E.
179472	5887S	2.01 B.	185705	50438S	2.02 C.
179472	50152S	2.01 B.	185730	50428S	2.02 G.
179473	50110S	2.01 D.	185791	50455S	2.02 D.
179473	50110S	2.01 J.	185971	50342S	2.02 D.
179515	50213S	2.09 H.	185983	50495S	2.02 D.
179601	5729S	2.01 J.	186136	50630S	2.02 G.
179603	50184S	2.01 N.	186185	50656S	2.02 D.
179630	50104S	2.01 C.	186226	50626S	2.02 C.
179670	50110S	2.01 D.	186241	50634S	2.02 F.

†Canceled

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## 3. MODIFICATION KIT INDEX (Contd)

<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>	<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>
186241	50634S	2.02 G.	193488	50140S	2.03 A.
186312	50610S	2.02 C.	193488	50140S	2.03 C.
186408	50651S	2.02 B.	193489	50156S	2.02 G.
186409	50636S	2.02 D.	193489	50156S	2.03 C.
186410	50636S	2.02 D.	193646	50173S	2.01 D.
186411	50636S	2.02 D.	193659	5982S	2.01 A.
186600	50156S	2.02 G.	193667	50191S	2.01 P.
186600	50156S	2.03 C.	193669	5909S	2.01 F.
186601	50156S	2.02 G.	193669	5909S	2.01 O.
186601	50156S	2.03 C.	193675	50190S	2.01 J.
186602	50140S	2.02 A.	193802	50121S	2.01 F.
186602	50140S	2.03 C.	193802	50121S	2.01 I.
186603	50140S	2.02 A.	193802	50121S	2.01 O.
186603	50140S	2.03 C.	193936	50178S	2.01 S.
186627†	50773S	2.02 A.	193988	50247S	2.01 O.
186627†	50696S	2.02 G.	193988	50247S	2.03 F.
186627†	50696S	2.03 J.	193989	50247S	2.01 O.
186627†	50773S	2.03 J.	193989	50247S	2.03 F.
186630	50773S	2.02 A.	193992	50247S	2.01 O.
186630	50773S	2.03 J.	193992	50247S	2.03 F.
186665	50436S	2.02 D.	193993	50247S	2.01 O.
186670	50701S	2.02 G.	193993	50247S	2.03 F.
186670	50730S	2.03 J.	194066	50185S	2.03 F.
186728	50752S	2.02 D.	194076	50260S	2.01 O.
186752	50625S	2.02 B.	194077	50260S	2.01 O.
186776	50714S	2.02 D.	194084	50198S	2.01 J.
186854	50625S	2.02 B.	194086	50241S	2.01 D.
187125	50746S	2.02 D.	194092	50328S	2.01 S.
187156	50777S	2.02 G.	194093	5890S	2.01 S.
187156	50777S	2.03 C.	194103	50177S	2.01 O.
187205	50770S	2.02 E.	194167	5886S	2.01 F.
187243	50787S	2.02 E.	194167	5886S	2.01 O.
187324	50806S	2.02 C.	194167	5886S	2.01 P.
187324	50806S	2.03 J.	194263	50138S	2.01 D.
187600	50792S	2.02 C.	194264	50138S	2.01 D.
187601	50792S	2.02 C.	194265	50138S	2.01 D.
187610†	50792S	2.02 C.	194266	50138S	2.01 D.
187610†	50792S	2.03 J.	194267	50128S	2.01 O.
188944	50779S	2.02 D.	194321	50149S	2.01 K.
192260	5809S	2.03 A.	194324	5789S	2.01 S.
192260	50119S	2.03 A.	194324	5888S	2.01 S.
192486	50150S	2.01 S.	194324	5888S	2.03 H.
192486	50150S	2.03 H.	194329	50100S	2.01 J.
192686	50111S	2.01 O.	194727	50216S	2.09 I.
192706	50004S	2.01 S.	194728	50217S	2.09 I.
192706	50004S	2.03 H.	194750		
192779	5909S	2.01 F.	through		
192779	5909S	2.01 O.	194765	50132S	2.01 S.
192792	50120S	2.01 S.	194770	5976S	2.09 K.
192999	50136S	2.01 O.	194803	50130S	2.01 S.
193230	50326S	2.01 G.	194856	50210S	2.01 J.
193488	50140S	2.02 A.	194856	50210S	2.01 R.

†Canceled

## 3. MODIFICATION KIT INDEX (Contd)

<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>	<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>
194857	50176S	2.01 J.	195834	50633S	2.03 E.
194859	50192S	2.01 J.	195837	5809S	2.01 A.
194861	50189S	2.01 J.	195837	5809S	2.01 J.
194895	50138S	2.01 D.	195924	50164S	2.03 C.
194896	50132S	2.01 S.	195927	50140S	2.02 A.
194992	50188S	2.01 F.	195927	50140S	2.03 A.
194992	50188S	2.01 H.	195927	50140S	2.03 C.
194992	50188S	2.01 O.	196929	50187S	2.03 H.
195004	50054S	2.01 O.	197673	50215S	2.09 L.
195022	50131S	2.01 C.	197699	50199S	2.01 P.
195023	50131S	2.01 C.	197751	50211S	2.03 H.
195033	50130S	2.01 S.	197838	50268S	2.03 A.
195036	50131S	2.01 C.	197847	5751S	2.01 S.
195104	50314S	2.01 J.	197848	5751S	2.01 S.
195105	50315S	2.09 K.	197849	50004S	2.01 S.
195106	50272S	2.01 J.	197849	50004S	2.03 H.
195107	50323S	2.01 J.	197850	50004S	2.01 S.
195108	50324S	2.09 K.	197850	50004S	2.03 H.
195154	50369S	2.01 C.	197937	50220S	2.01 J.
195154	50203S	2.01 C.	197941	50236S	2.01 A.
195154	50203S	2.01 D.	198070	5534S	2.01 F.
195185	50202S	2.01 P.	198070	5534S	2.03 F.
195185	50202S	2.03 J.	198070	5772S	2.01 O.
195209	50313S	2.03 A.	198089	50234S	2.01 L.
195271	50151S	2.01 Q.	198090	50234S	2.01 L.
195388	50155S	2.01 O.	198177	50343S	2.03 F.
195391	50001S	2.01 O.	198310	50244S	2.01 A.
195415	50204S	2.01 D.	198361	50338S	2.01 P.
195415	50369S	2.01 C.	198366	50271S	2.01 B.
195442	50223S	2.01 N.	198394	50069S	2.01 S.
195443	50223S	2.01 N.	198401	51066S	2.01 D.
195521	50193S	2.01 S.	198401	51066S	2.02 C.
195528	50205S	2.01 D.	198420	50248S	2.03 J.
195596	50195S	2.01 K.	198500	50298S	2.03 H.
195597	50195S	2.01 K.	198640	50221S	2.09 I.
195598	50195S	2.01 K.	198672	50235S	2.01 N.
195599	50195S	2.01 K.	198693	50376S	2.01 E.
195613	50197S	2.01 A.	199200†	50388S	2.01 S.
195613	50197S	2.01 S.	199229	50319S	2.01 N.
195613	50197S	2.09 F.	199312	50377S	2.03 C.
195620	50258S	2.03 F.	199330	50358S	2.03 C.
195621	50258S	2.03 F.	199344	50344S	2.03 C.
195634	50165S	2.01 O.	199361	50385S	2.01 C.
195634	50165S	2.01 S.	199361	50385S	2.01 J.
195634	50165S	2.03 F.	199368	50487S	2.03 C.
195634	50165S	2.03 H.	199369	50487S	2.03 C.
195647	50183S	2.02 G.	199382	5761S	2.01 S.
195647	50183S	2.03 C.	199382	5761S	2.03 H.
195647	50183S	2.03 J.	199409	50423S	2.02 A.
195656	50194S	2.01 A.	199446	50486S	2.03 C.
195779	50259S	2.03 D.	199540	50497S	2.08 A.
195833	50343S	2.03 F.	199550	50332S	2.08 A.

†Canceled

## 3. MODIFICATION KIT INDEX (Contd)

<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>	<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>
199551	50336S	2.08 A.	306984	50368S	2.01 S.
199610	50349S	2.08 A.	306985	50368S	2.01 S.
199779	50266S	2.09 B.	306986	50366S	2.01 S.
199812	5801S	2.01 P.	306987†	50366S	2.01 S.
199886	50333S	2.03 D.	306988	5982S	2.09 F.
199886	50333S	2.03 H.	307065	5949S	2.01 S.
199901†	50098S	2.09 K.	307065	5949S	2.03 H.
199913	50138S	2.01 D.	307103	50407S	2.03 C.
199914†	50138S	2.01 D.	307228	50389S	2.03 A.
199915	50138S	2.01 D.	308412	50387S	2.03 C.
199918	50353S	2.03 A.	308514	50616S	2.08 A.
199924	50353S	2.03 A.	309194	50371S	2.01 O.
199933	50356S	2.03 C.	309511	50475S	2.01 C.
199934	50378S	2.03 C.	309511	50475S	2.01 F.
199938	50379S	2.03 C.	309697	5945S	2.03 F.
199999	5766S	2.01 C.	310070	5939S	2.03 D.
199999	5766S	2.01 S.	310261	50388S	2.01 S.
199999	5766S	2.03 H.	310290	51038S	2.01 D.
199999	5766S	2.03 I.	310290	51038S	2.09 D.
302977	50617S	2.08 B.	310733	50386S	2.01 S.
304273	50601S	2.01 O.	310733	50386S	2.03 H.
304375	5982S	2.01 A.	311456	50375S	2.01 S.
304515	50273S	2.01 O.	311456	50375S	2.03 H.
304599	50341S	2.01 S.	311458	50468S	2.03 H.
304739	50376S	2.01 E.	311459	50468S	2.03 H.
305035	5949S	2.01 S.	311460	50468S	2.03 H.
305035	5949S	2.03 H.	311461	50468S	2.03 H.
305036	5949S	2.01 S.	311500	50404S	2.03 F.
305036	5949S	2.03 H.	311535	50690S	2.01 N.
305037	50386S	2.01 S.	311728	50451S	2.01 C.
305037	50386S	2.03 H.	312350	50453S	2.03 J.
305052	50361S	2.01 C.	312390	50435S	2.03 J.
305053	50360S	2.01 C.	312425	50414S	2.01 O.
305079	50004S	2.01 S.	312711	50150S	2.01 S.
305079	50004S	2.03 H.	312711	50150S	2.03 H.
305085	50345S	2.03 C.	312719	50425S	2.01 J.
305183	50407S	2.03 C.	312983		
305464	50362S	2.03 C.	through		
305539	50352S	2.01 S.	312990	50457S	2.01 D.
305539	50352S	2.03 H.	312994	50476S	2.03 I.
305540	50352S	2.01 S.	312999	50441S	2.01 N.
305540	50352S	2.03 H.	312999	50441S	2.03 D.
306686			315536	50482S	2.01 P.
through			315841†	50427S	2.01 A.
306702	5792S	2.03 H.	315844†	50427S	2.01 A.
306721			315847†	50427S	2.01 A.
through			315850	50427S	2.01 A.
306725	50368S	2.01 S.	315854	50457S	2.01 D.
306726			317202	50452S	2.01 C.
through			318962	50647S	2.01 S.
306730	50366S	2.01 S.	319194†	50368S	2.01 S.
306983	50380S	2.01 A.	319198	50366S	2.01 S.

†Canceled

## 3. MODIFICATION KIT INDEX (Contd)

<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>	<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>
319198	50368S	2.01 S.	325360	50734S	2.09 C.
319199†	50368S	2.01 S.	325904	50452S	2.01 C.
319250	50368S	2.01 S.	325905	50452S	2.01 C.
319271			325967	50603S	2.03 H.
through			326001	50672S	2.04 G.
319273†	50366S	2.01 S.	326019	50620S	2.04 G.
319274	50464S	2.03 J.	326030	50679S	2.04 G.
319385	50499S	2.03 I.	326916	50668S	2.04 F.
319650	50655S	2.04 G.	326970	50670S	2.04 A.
319784	50705S	2.04 G.	327060†	50670S	2.04 A.
320033	50600S	2.09 F.	327102	50608S	2.09 F.
320236	50442S	2.01 C.	327260	50700S	2.03 J.
320284	5888S	2.01 S.	327419	50632S	2.03 D.
320284	5888S	2.03 H.	327420	50156S	2.02 G.
320297	50618S	2.08 A.	327420	50156S	2.03 C.
320489	50466S	2.03 J.	327471	50646S	2.03 C.
321055	50371S	2.03 F.	327742	50682S	2.01 A.
321088	50467S	2.01 B.	327840	50655S	2.04 G.
321099	50471S	2.03 H.	327863†	50718S	2.04 D.
321474	50606S	2.01 D.	327864	50718S	2.04 D.
321582	50664S	2.01 D.	327880	50684S	2.04 G.
321583	50665S	2.01 D.	327895	50672S	2.04 G.
321584	50666S	2.03 C.	328284	50658S	2.04 F.
321585	50667S	2.03 C.	328290†	50670S	2.04 A.
321586	50667S	2.03 C.	328300	50673S	2.04 E.
321761	50492S	2.01 S.	328300	50673S	2.04 G.
321762	50492S	2.01 S.	328672	50706S	2.04 F.
321763	50492S	2.01 S.	329100	50640S	2.08 A.
321940	50607S	2.03 H.	329126	50933S	2.09 N.
322409	50800S	2.02 C.	330697	50659S	2.04 F.
322409	50800S	2.03 J.	330855	50643S	2.01 S.
322409	50800S	2.05 G.	330970	50683S	2.03 C.
323000	50456S	2.01 D.	330982	50654S	2.01 E.
323001	50456S	2.01 D.	332170	50676S	2.04 G.
323103	50619S	2.03 C.	332280	50692S	2.04 G.
323104	50652S	2.03 C.	332310	50686S	2.04 G.
323424	50463S	2.03 C.	332320	50705S	2.04 G.
323512	50767S	2.02 G.	332340	50688S	2.04 G.
323512	50767S	2.03 C.	332350	50689S	2.04 G.
323540	50743S	2.09 N.	332374	50691S	2.04 G.
323540	50743S	2.09 O.	332750	50644S	2.03 H.
323631	50483S	2.01 J.	333012	50710S	2.04 G.
323705	50490S	2.01 A.	333158	50661S	2.04 F.
323705	50490S	2.03 B.	333159	50660S	2.04 F.
323790	50612S	2.03 H.	333200	50677S	2.01 E.
323980	50644S	2.03 H.	333456	50687S	2.03 C.
324095	50609S	2.03 H.	333520	50375S	2.01S.
324292	5534S	2.04 E.	333520	50375S	2.03 H.
324490	50611S	2.03 H.	333521	50702S	2.02 G.
324584	50485S	2.03 C.	333535	50674S	2.04 E.
324585	50485S	2.03 C.	333535	50674S	2.04 G.

†Canceled

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## 3. MODIFICATION KIT INDEX (Contd)

<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>	<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>
333561	50748S	2.04 F.	342097	50750S	2.04 C.
334300	50708S	2.04 G.	342120	50756S	2.03 J.
334360	50685S	2.04 G.	342183	50744S	2.03 I.
334378			343264	50755S	2.04 C.
through			343265	50754S	2.04 B.
334395	50731S	2.04 G.	343349	50745S	2.03 I.
334601	50757S	2.08 C.	343683	50738S	2.09 N.
334697	50758S	2.03 G.	343691EW	50768S	2.02 C.
334697	50758S	2.03 J.	343691	50768S	2.03 B.
334715	50684S	2.04 G.	343755	50150S	2.01 S.
334717	50675S	2.04 G.	343755	50150S	2.03 H.
334883†	50698S	2.03 H.	343912	50788S	2.04 E.
334884	50698S	2.03 H.	343954	50778S	2.03 F.
334956	50716S	2.04 G.	343954	50778S	2.04 E.
335434	50737S	2.09 N.	344155	50789S	2.04 F.
335446	50740S	2.09 N.	344155	50789S	2.04 A.
335448	50738S	2.09 N.	344161	50789S	2.04 A.
336192	50696S	2.02 G.	344161	50789S	2.04 F.
336192	50696S	2.03 J.	344167	50781S	2.04 A.
336474	50695S	2.03 J.	344167	50781S	2.04 F.
336474	50730S	2.03 J.	344281	50764S	2.02 A.
336752	50672S	2.04 G.	344281	50764S	2.02 G.
336754	50672S	2.04 G.	344281	50764S	2.03 J.
336930	50798S	2.03 E.	344282	50764S	2.02 A.
336932	50726S	2.03 H.	344282	50764S	2.02 G.
336932	50726S	2.03 I.	344282	50764S	2.03 J.
336970	50739S	2.08 C.	344285†	50764S	2.02 A.
337415	50736S	2.02 C.	344285†	50764S	2.02 G.
336415	50736S	2.03 J.	344285†	50764S	2.03 J.
337418	50736S	2.02 C.	344287	50771S	2.01 S.
337418	50736S	2.03 J.	344287	50771S	2.03 H.
337465	50763S	2.09 D.	344360	50774S	2.09 N.
337812	50709S	2.08 B.	344555	50800S	2.02 C.
337900	50545S	2.04 F.	344555	50800S	2.03 J.
338190	50769S	2.04 G.	344555	50800S	2.05 G.
338200	50783S	2.04 F.	344557	50801S	2.04 G.
338510	50717S	2.04 G.	344565	50804S	2.02 G.
338570	50719S	2.04 G.	344598	50792S	2.03 J.
338601	50933S	2.09 N.	344599	50792S	2.03 J.
338686	50733S	2.04 B.	344600	50785S	2.03 C.
340011	50730S	2.03 J.	344869	50799S	2.04 D.
340210	50742S	2.09 O.	344974	50150S	2.01 S.
340435	50705S	2.04 G.	344974	50150S	2.03 H.
340439	50790S	2.04 G.	345400	50781S	2.04 A.
340469	50839S	2.03 F.	345400	50781S	2.04 F.
340470	50840S	2.01 O.	345625	50803S	2.05 C.
341186	50722S	2.04 F.	345630	50808S	2.05 G.
341187	50723S	2.04 F.	345701	50805S	2.09 D.
341348	50720S	2.02 G.	345728	50001S	2.01 O.
342065	50760S	2.08 A.	345729	50001S	2.01 O.
342074	50759S	2.08 B.	346380	50831S	2.05 B.
342096	50750S	2.04 C.	346696	50846S	2.05 B.

†Canceled

<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>	<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>
346731	50878S	2.05 A.	403124	50988S	2.05 C.
346732	50878S	2.05 A.	403126	50965S	2.05 C.
346744	50881S	2.05 A.	403128	50973S	2.05 C.
346745	50906S	2.05 E.	403130	51011S	2.05 C.
346936	50919S	2.05 A.	403132	50970S	2.05 C.
346990	50942S	2.05 B.	403134	50974S	2.05 C.
347281	50967S	2.05 A.	403138	50980S	2.05 C.
347282	50968S	2.05 A.	403141	51046S	2.07 C.
347300	50966S	2.07 B.	403144	51028S	2.05 C.
348041	50981S	2.01 D.	403146	51037S	2.07 B.
348042	50981S	2.01 D.	403148	51037S	2.07 B.
348043	50981S	2.01 D.	403158	51068S	2.05 B.
348044	50981S	2.01 D.	403158	51068S	2.07 C.
400101	50929S	2.05 E.	403159	51069S	2.05 B.
400204	50885S	2.05 E.	403159	51069S	2.07 C.
400378	50885S	2.05 E.	403160	51070S	2.05 B.
400552	50819S	2.05 E.	403380	50815S	2.05 E.
401002	50933S	2.09 N.	403399	50825S	2.05 C.
401725	50802S	2.05 A.	430400	50825S	2.05 C.
402178	50822S	2.05 F.	403418	50903S	2.05 C.
402178	50822S	2.06 A.	403488	50923S	2.05 E.
402180	50835S	2.05 C.	403492	50912S	2.05 A.
402232	50837S	2.05 G.	403594	50810S	2.05 D.
402286	50816S	2.05 D.	405562	50830S	2.05 A.
402307	50855S	2.05 C.	405563	50830S	2.05 A.
402310	50845S	2.05 C.	405657	50876S	2.05 A.
402315	50851S	2.05 C.	405671	50829S	2.05 A.
402316	50851S	2.05 C.	405905	50819S	2.05 E.
402320	50848S	2.05 C.	405982	50853S	2.05 G.
402325	50849S	2.05 C.	405983	50853S	2.05 G.
402326	50875S	2.05 C.	406047	50830S	2.05 A.
402327	50916S	2.05 D.	406086	50947S	2.05 B.
402330	50860S	2.05 C.	406086	50947S	2.05 C.
402617	50827S	2.05 E.	406094	50927S	2.05 C.
402618	50811S	2.05 E.	406095	50939S	2.05 F.
402633	50811S	2.05 E.	406166	50930S	2.05 D.
402707	50929S	2.05 E.	406190	50915S	2.05 A.
402845	50841S	2.05 E.	406204	50989S	2.05 A.
402850	50847S	2.05 E.	406207	51001S	2.05 A.
402858	50885S	2.05 E.	406207	51001S	2.05 C.
402866	50836S	2.05 E.	406223	50910S	2.05 A.
402868	50827S	2.05 E.	406231	50941S	2.05 G.
402878	50827S	2.05 E.	406232	50941S	2.05 G.
402887	50894S	2.05 E.	406261	50936S	2.05 A.
402920	50901S	2.05 E.	406273	50929S	2.05 E.
402936	50868S	2.05 E.	406274	50929S	2.05 E.
402980	50894S	2.05 E.	406275	50929S	2.05 E.
403011	50911S	2.05 A.	406276	50929S	2.05 E.
403103	50998S	2.05 G.	406287	50928S	2.05 C.
403103	50998S	2.06 A.	406328	50851S	2.05 C.
403103	50998S	2.07 D.	406337	50940S	2.05 E.

†Canceled

## 3. MODIFICATION KIT INDEX (Contd)

<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>	<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>
406338	50940S	2.05 E.	408788	50920S	2.05 C.
406370	50951S	2.05 A.	408789	50921S	2.05 C.
406371	50952S	2.05 A.	408796	50883S	2.05 C.
406372	50953S	2.05 A.	408798	50879S	2.05 C.
406373	50954S	2.05 A.	408800	50879S	2.05 C.
406374	50958S	2.05 A.	408804	50895S	2.05 C.
406375	50959S	2.05 A.	408815	50917S	2.05 G.
406454	50997S	2.05 E.	408816	50918S	2.05 B.
406565	51025S	2.05 C.	408818	50918S	2.05 B.
407100	50854S	2.05 A.	408820	50918S	2.05 B.
407024	50829S	2.05 A.	408822	50918S	2.05 B.
407025	50829S	2.05 A.	408829	50931S	2.05 C.
407026	50829S	2.05 A.	408833	50932S	2.05 C.
407042	50828S	2.05 A.	408834	50932S	2.05 C.
407043	50828S	2.05 A.	408836	50932S	2.05 C.
407060	50838S	2.05 A.	408838	50932S	2.05 C.
407061†	50838S	2.05 A.	408852	50938S	2.05 C.
407101	50854S	2.05 A.	408854	50932S	2.05 C.
407102	50854S	2.05 A.	408856	50932S	2.05 C.
407104	50873S	2.05 E.	408858	50948S	2.05 C.
407105	50922S	2.05 A.	408860	50918S	2.05 B.
407200	50838S	2.05 A.	408862	50918S	2.05 B.
407202	50871S	2.05 A.	408864	50945S	2.05 C.
407210	50863S	2.05 A.	408868	50947S	2.05 B.
407280	50893S	2.05 F.	408868	50947S	2.05 C.
407346	50886S	2.05 C.	408868	50949S	2.05 C.
407376	50852S	2.05 C.	408870	50950S	2.05 C.
407377	50870S	2.05 C.	408874	50971S	2.05 C.
407400	50844S	2.05 A.	408876	50978S	2.05 C.
407414	50843S	2.05 C.	408878	50950S	2.05 C.
407777	50925S	2.05 E.	408886	50876S	2.05 A.
407790	50905S	2.05 E.	408890	50907S	2.05 F.
407800	50924S	2.05 E.	408892	50909S	2.05 D.
408014	50821S	2.05 A.	408899	50946S	2.05 B.
408040	50834S	2.05 E.	408990	50913S	2.05 E.
408045	50802S	2.05 A.	410001	50851S	2.05 C.
408047	50802S	2.05 A.	410009	50851S	2.05 C.
408049	50856S	2.05 A.	410018	50851S	2.05 C.
408050†	50820S	2.05 A.	410020	50855S	2.05 C.
408051	50820S	2.05 A.	410021	50855S	2.05 C.
408053	50833S	2.05 A.	410022	50855S	2.05 C.
408054	50833S	2.05 A.	410071	50900S	2.05 E.
408646	50880S	2.05 E.	410072	50894S	2.05 E.
408660	50869S	2.05 E.	410076	50897S	2.05 E.
408680	50882S	2.05 E.	410085	50906S	2.05 E.
408681	50904S	2.05 E.	410408	50850S	2.05 C.

†Canceled

<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>	<u>Mod Kit or Part Numbers</u>	<u>Specification</u>	<u>Paragraph</u>
410439	50949S	2.05 C.	430647	51073S	2.06 A.
410525	50988S	2.05 C.	430899	51063S	2.06 A.
410580	50852S	2.05 C.	430900	50944S	2.06 B.
410582	50870S	2.05 C.	430900	51082S	2.06 A.
410657	50855S	2.05 C.	430903	51047S	2.06 A.
410674	50843S	2.05 C.	430910	50962S	2.06 A.
410755	50961S	2.06 A.	430911	50990S	2.06 A.
410755	51073S	2.06 A.	430920	51062S	2.06 A.
410770	50852S	2.05 C.	430969	51062S	2.06 A.
410770	50870S	2.05 C.	451340	50983S	2.07 A.
411382	51060S	2.05 B.	452190	51026S	2.07 D.
411465	51072S	2.07 A.	452696	51074S	2.07 A.
411899	51075S	2.07 B.	452730	50995S	2.07 A.
412041	51058S	2.06 A.	452763	51021S	2.07 A.
413368	51030S	2.05 C.	452997	51052S	2.05 C.
413369	51032S	2.05 C.	453936	50999S	2.05 C.
413370	51031S	2.05 C.	453938	51000S	2.05 C.
420101	51036S	2.06 A.	453970	51041S	2.07 D.
420301	51048S	2.06 A.	453973	51034S	2.07 C.
430035	51045S	2.06 A.	453999	51065S	2.05 B.
430310	50994S	2.06 A.	454053	51081S	2.05 B.
430311	50990S	2.06 A.	454172	51057S	2.07 A.
430311	51006S	2.06 A.	454618	51045S	2.06 A.
430350	51006S	2.06 A.	454619	51045S	2.06 A.
430400	51035S	2.06 A.	454630	51059S	2.06 A.
430429	51014S	2.06 A.	454668	51053S	2.06 A.
430440	51014S	2.06 A.	454778	51076S	2.06 A.
430442	51010S	2.06 A.			