

## ENGINE-ALTERNATOR OPERATING INSTRUCTIONS CHART

### 1. GENERAL

1.01 This section lists the available Bell System Operating Instructions Chart (E-numbered) for engine-alternators. The charts refer to the associated Bell System Practices (BSPs), engine KS number, type of engine, and controls. (See Table A.)

1.02 (Reserved for future use)

1.03 The piece-part operating instruction charts, both mounted and unmounted, and Bell Telephone Laboratories (BTL) supplied charts identified by B and ES numbers are no longer furnished. They are superseded by E-numbered charts. If the old style charts need to be replaced and an equivalent E-numbered chart is not listed in Table A, an E-3973-1PT form should be prepared and forwarded, according to Section 000-010-901PT.

*Note:* Include on the Form E-3973-1PT the P, ES, or B number of the old chart, if known, and the KS and list numbers of the engine-alternator for which an E-numbered chart is desired. The reason for the replacement should be stated.

1.04 The Operating Instructions Charts are not shipped with engine-alternator sets and must be ordered separately. Custom mounting of charts on wallboard has been discontinued, but mounting can be done readily by the user.

*Note:* National Fire Code, Volume 2, Gases — Standard for the Installation and Use of Combustion Engines and Gas Turbines, NFPA No. 37 — 1965-1966, requires that Operating Instructions Charts be conspicuously posted on or near the engine-alternator sets.

1.05 The following abbreviations are used in the chart list and cross index.

TURB — Gas Turbine Engine  
DIES — Diesel Engine  
GAS — Gasoline Engine  
MAN — Manual  
AUTO — Automatic  
BSP — Bell System Practice

### 2. DESCRIPTION

2.01 The Bell System Operating Instructions Charts include instructions for:

- Preparation for starting
- Starting
- Running
- Paralleling
- Stopping
- Emergency stopping
- Lubrication
- Routine maintenance
- Operating associated equipment.

2.02 The chart material is fiber and plastic, and is opaque, durable, and resistant to water, grease, oil, acids, and most chemicals.

2.03 The chart may be cleaned with a mild solution of soap and water without damage to the print or material.

2.04 The charts are produced in standard widths of either 15 or 18 inches (four columns, each 3-3/4 or 4-1/2 inches wide, respectively). Length depends on the chart complexity and on the number and size of figures, if any.

#### NOTICE

Not for use or disclosure outside the  
Bell System except under written agreement

SECTION 155-010-300PT

3. ORDERING

*Example:* E-5329, Wall Chart, Select Code 425-129.

3.01 Submit the order on Form P 3056, Order For Printed Material. Specify the Operating Instructions Chart E number and Select Code number from Table A.

3.02 Instructions on the use of Form P 3056 may be found in System Instruction (SI) 89, Centralized Distribution of Printed Material.

TABLE A  
WALL CHARTS

BSP OPERATING INSTRUCTIONS CHART E-NUMBER	SELECT CODE	BSP ASSOCIATED SECTION	ENGINE		TYPE	CONTROL
			KS NUMBER	LIST NUMBER		
E-5329	425-129	155-165-301	KS-15622	1 thru 4	DIES	MAN
E-5330	425-130	155-165-301	KS-15622	10 and 11	DIES	AUTO
E-5332	425-132	155-170-301	KS-15700	1	GAS	AUTO
E-5334	425-134	155-172-300	KS-15717	4 thru 9	DIES	MAN
E-5335	425-135	155-167-301	KS-15650	1, 3, 4 24, 25, & 27	GAS	MAN
E-5344	425-144	155-141-304	KS-5667-01	6 and 7	GAS	AUTO
E-5345	425-145	155-172-302	KS-15717	11	DIES	AUTO
E-5349	425-149	155-176-301	KS-15884	1	DIES	MAN
E-5350	425-150	155-178-301	KS-15890	1	DIES	AUTO
E-5351	425-151	155-174-301	KS-15777	21, 22, 31, 32	DIES	MAN
E-5352	425-152	155-174-302	KS-15777	23, 24, 33, 34	DIES	AUTO
E-5353	425-153	155-180-301	KS-15899	1, 2, 11, 12	DIES	MAN
E-5354	425-154	155-180-302	KS-15899	3, 4, 13, 14	DIES	AUTO
E-5355	425-155	155-185-301	KS-15929	1 and 11	DIES	MAN
E-5356	425-156	155-185-302	KS-15929	2 and 12	DIES	AUTO
E-5357	425-157	155-187-301	KS-15954	1, 2, 11, 12	DIES	MAN
E-5358	425-158	155-187-302	KS-15954	3, 4, 13, 14	DIES	AUTO
E-5359	425-159	155-201-301	KS-15992	1 thru 4 and 7 thru 10	TURB	MAN
E-5360	425-160	155-202-301	KS-15992	1 thru 4 and 7 thru 10	TURB	AUTO/ MAN
E-5361	425-161	155-189-301	KS-19587	1 thru 6	DIES	AUTO/ MAN
E-5362	425-162	155-205-301	KS-19896	1 thru 7 and 10 thru 23	TURB	AUTO/ MAN
E-5363	425-163	155-191-301	KS-19583 KS-19584	1, 3 thru 7 1, 3 thru 7	DIES	AUTO/ MAN
E-5364	425-164	155-192-301	KS-19585 KS-19586	1, 3 thru 7 1 thru 7	DIES	AUTO/ MAN