

NUMERICAL INDEX — DIVISION 161
SPEED REDUCTION UNITS, CONVERTERS, INVERTERS,
AIR DRYERS, COMPRESSORS, COMPRESSOR-DEHYDRATORS, DEHYDRATORS,
EXHAUSTER SETS, FANS, TUBE COOLING SYSTEMS, VENTILATING EQUIPMENT,
CALL ANNOUNCER MACHINES, AND WAVEGUIDES

1. GENERAL

- 1.01** This section provides an index of System-issued sections in Division 161.
- 1.02** This section reverted to Issue 1 in May 1976. Prior to that there had been 99 issues of the section.
- 1.03** A bullet (●) indicates an item that has been added or changed since the previous issue of the index.
- 1.04** A square (□) indicates a canceled item. Information relating to the cancellation, if necessary, will be shown in a note following the item. Canceled items and related notes will be deleted upon reissue of the index.
- 1.05** A spade (♠) indicates an item not on microfiche. This index indicates the latest issue for hard-copy BSPs. In some cases, the microfiche BSP will reflect the next higher issue as a result of the reduced distribution interval.
- 1.06** "Add" is the abbreviation for Addendum.

2. LAYERS

2.01 This division is arranged in layers as follows:

- 161-0 Indexes and Equipment Test Lists
 - 1 Speed Reduction Units
 - 2 Converters and Inverters
 - 3 Air Dryers, Compressors, Compressor-Dehydrators, Dehydrators, and Waveguides
 - 4 Exhauster Sets, Fans, Tube Cooling Systems, and Ventilating Equipment
 - 7 Call Announcer Machines

3. INDEX

Section Number	Issue	Subject
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161-0 INDEXES AND EQUIPMENT TEST LISTS

- ♠ 161-000-000 37 Numerical Index — Division 161 — Speed Reduction Units, Converters, Inverters, Air Dryers, Compressors, Compressor-Dehydrators, Dehydrators, Exhauster Sets, Fans, Tube Cooling Systems, Ventilating Equipment, Call Announcer Machines, and Waveguides

161-001 Equipment Test Lists (ETL)

- 161-001-011 7 Air Dryers and Compressors — Power Systems Equipment
- 161-001-012 8 Dehydrators and Waveguide Pressure Systems — Power Systems Equipment
- 161-001-013 14 Exhauster Sets and Fans — Power Systems Equipment
- 161-001-014 14 Air Blowers, Tube Cooling Systems and Ventilation Equipment — Power Systems Equipment

Section Number	Issue	Subject
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- 161-001-015 13 Converters — Power Systems Equipment
- 161-001-016 7 Inverters — Power Systems Equipment

161-1 SPEED REDUCTION UNITS

- | | | |
|-------------|---|--|
| 161-105-301 | 1 | Cleveland Worm and Gear Company's — With Driving Motor — Per KS-1571 — Operating Methods |
| 161-105-701 | 1 | Cleveland Worm and Gear Company's — With Driving Motor — Per KS-1571 — Requirements and Adjusting Procedures |

161-2 CONVERTERS AND INVERTERS

Note: Due to nomenclature changes, see also Numerical Index — Division 167 — Power Plants and Power Supply — 167-000-000.

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|-------------|---|---|
| 161-200-301 | 1 | DC-to-DC Converter — KS-21092 — Operating Methods |
| 161-200-302 | 1 | DC-to-DC Converter — KS-21093 — Operating Methods |
| 161-201-301 | 1 | DC-to-AC Inverter J87415A Operating Methods |
| 161-202-100 | 4 | Pulse Width Control DC-to-DC Converters — 120- Through 123-, 130- Through 133-, and 140- Through 143-Type Power Units — Summarizing Specification |
| 161-203-301 | 2 | KS-21353, L1 (J87428A) DC-to-AC Inverter — Lorain Products Corporation — Operating Methods |
| 161-203-302 | 2 | KS-21354, L1 (J87429A) DC-to-AC Inverter — Lorain Products Corporation — Operating Methods |
| 161-203-303 | 1 | KS-21353, L1 (J87428B) DC-to-AC Inverter — ITT-North Electric Company — Operating Methods |
| 161-203-304 | 1 | KS-21354, L1, (J87429B) DC-to-AC Inverter — Exide Power System — Operating Methods |
| 161-203-701 | 2 | KS-21353, L1 (J87429A and B) DC-to-AC Inverter — Requirements and Adjusting Procedures |
| 161-203-702 | 2 | KS-21354, L1 (J87429A and B) DC-to-AC Inverter — Requirements and Adjusting Procedures |

NOTICE

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

SECTION 161-000-000

Section Number	Issue	Subject
Add 161-205-701	1	
161-205-701	5	Inverted Converters — Janette Manufacturing Company — Requirements and Adjusting Procedures
Add 161-205-801	1	
161-205-801	1	Inverted Converters — Janette Manufacturing Company — Replacement Parts and Procedures
Add 161-206-301	1	
161-206-301	3	KS-20816, L1 and L2 — DC-to-AC Inverter — Operating Methods
161-208-701	5	Power Inverter — KS-5590, KS-15574, KS-15597, KS-15662 and KS-15679 — Requirements and Adjusting Procedures
161-212-701	3	KS-5717 and KS-5726 — Requirements and Adjusting Procedures
161-212-801	2	Inverters — KS-5717 and KS-5726 — Replacement Parts and Procedures
161-230-701	1	KS-15511 Inverter — Requirements and Adjusting Procedures
161-230-801	1	KS-15511 Inverter — Piece-Part Data and Replacement Procedures
161-231-301	3	DC-to-AC Inverter — KS-19329 — Operating Methods
Add 161-232-301	1	
161-232-301	1	DC-to-AC Inverter — KS-19430 — Operating Methods
Add 161-233-301	1	
161-233-301	3	KS-19738 Inverter — Operating Methods
161-234-301	3	DC-to-AC Inverter — KS-19951 — Operating Methods
161-234-302	1	Inverter — KS-19952 — Operating Methods
161-234-701	2	Inverter — KS-19951 — Requirements and Adjusting Procedure
161-234-702	1	KS-19952 Inverter Requirements and Adjusting Procedures
161-245-301	1	Inverter — J87266A — Operating Methods
161-245-302	3	Inverter — J87266E — Operating Methods
161-245-311	1	Solid State Ringing Generator — J29361AA-1 — No. 3 and 5A Crossbar Operating Methods
161-246-301	4	DC-to-AC Inverter — J87274A — Operating Methods
161-246-701	4	Inverter — J87274A — Requirements and Adjusting Procedures
161-247-301	2	Inverter — J87295 — Operating Methods
161-248-301	4	J87322 — Operating Methods
161-249-301	3	J87326 — Operating Methods

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161-250-301	1	Inverter — J87337A — Operating Methods
161-256-301	1	DC-to-DC Converter — J87400 I2 — 48 Volts DC, 50 Amperes — Operating Methods
161-259-301	1	DC-to-DC Converter — J87378A — Operating Methods
161-260-101	1	Regulated Tube Rectifier-Inverter, Phase Shift Control J86425A and Associated Power Control Panels J86425B and C — Description
161-260-301	3	Regulated Tube Rectifier — Inverter, Phase Shift Control J86425A and Associated Power Control Panels J86425B and C — Operating Methods
161-261-301	2	J87306A — DC-to-DC Converter — Operating Methods
161-262-301	1	DC-to-DC Converter J87308A Operating Methods
161-263-301	2	Converter — J87310A — Operating Methods
161-264-301	1	DC-to-DC Converter — J87311A — Operating Methods
Add 161-265-301	1	
161-265-301	2	J87338A — DC-to-DC Converter — Operating Methods
161-266-301	2	DC-to-DC Converter — J87307 — Operating Methods
161-267-301	1	DC-to-DC Converter — +6.6 Volts, 30 Amperes — J87340 — Operating Methods
161-268-301	4	DC-to-DC Converter — J87334A — ±24.75 Volts, 3.5 Amperes — Operating Methods
161-269-301	1	DC-to-DC Converter — +48 Volts, 2 Amperes — J29361AB-1 No. 3 and 5A Crossbar — Operating Methods
161-269-302	1	DC-to-DC Converter — ±130 Volts, 2 Amperes — J29361E-1, No. 3 and 5A Crossbar — Operating Methods
161-270-301	1	DC-to-DC Converter — J87400 I2 — 24 Volts DC, 100 Amperes — Operating Methods
161-271-301	1	DC-to-DC Converter — J87325 — Operating Methods
161-272-301	2	J87332A-II Converter — Operating Methods
161-274-301	1	DC-to-DC Converter — J87372A — Operating Methods
161-275-301	1	DC-to-DC Converter — J87388A — Operating Methods
161-276-301	1	DC-to-DC Converter — J87379A — Operating Methods
161-277-301	2	DC-to-DC Converter — J87391 — Operating Methods

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161-280-301	1	DC-to-DC Converter — KS-15916 — Operating Methods	161-299-301	1	J87331 — DC-to-DC Converter — Operating Methods
161-281-301	1	DC-to-DC Converter — KS-19157 — Operating Methods	161-299-302	1	DC-to-DC Converter — J87416 — Operating Methods
161-282-301	1	DC-to-DC Converter — KS-19158 — Operating Methods	161-299-303	1	DC-to-DC Converter — KS-21952, L1 — 130 Volts DC, 5 Amperes — Operating Methods
161-283-301	2	DC-to-DC Converter — KS-19303 L1 — Operating Methods	161-3 AIR DRYERS, COMPRESSORS, COMPRESSOR-DEHYDRATORS, DEHYDRATORS, AND WAVEGUIDES		
161-283-302	2	DC-to-DC Converters — KS-19303 L3 and KS-19815 L2 — 130 Volts DC, 2 Amperes Operating Methods	161-304-701	1	KS-16432 L1 Air Dryer — Requirements and Adjusting Procedures
161-284-301	4	DC-to-DC Converter — KS-19304 — Operating Methods	161-304-801	1	Continuous Feed Pressure Systems — KS-16432 L1 Air Dryer — Replacement Parts and Procedures
161-285-301	3	J87248B — DC-to-DC Converter — Operating Methods	Add 161-305-701	1	
Add 161-285-302	2		161-305-701	6	KS-16432 L2 Air Dryer — Requirements and Adjusting Procedures
161-285-302	1	J87248C DC-to-DC Converters — Operating Methods	Add 161-305-801	1	
Add 161-285-303	1		161-305-801	6	Continuous Feed Pressure Systems — KS-16432 L2 Air Dryer — Maintenance and Replacement Parts
161-285-303	1	J87248D DC-to-DC Converter — Operating Methods	161-307-701	4	KS-16523 L1 Air Dryer — Requirements and Adjusting Procedures
161-286-301	1	DC-to-DC Converter — J87225A — Operating Methods	161-307-801	5	KS-16523 L1 Air Dryer — Replacement Parts and Procedures
161-287-301	7	DC-to-DC Converter — J87271A — 250 Volts DC, 5 Amperes — Operating Methods	161-308-701	2	KS-20336 L1 Air Dryer Requirements and Adjusting Procedures
161-288-301	1	DC-to-DC Converter — KS-19521 — Operating Methods	Add 161-308-702	1	
161-289-301	4	Converter — J87288A — Operating Methods	161-308-702	2	KS-20336 L2 and L3 Air Dryers — Requirements and Adjusting Procedures
161-290-301	2	DC-to-DC Converter — J87293 — Operating Methods	161-308-801	2	KS-20336 L1 Air Dryer — Maintenance and Replacement Parts
161-291-301	3	DC-to-DC Converter — J87294 — Operating Methods	161-308-802	3	KS-20336 L2 and L3 Air Dryers — Maintenance and Replacement Parts
161-292-301	5	DC-to-DC Converter — J87297A — Operating Methods	161-309-701	4	KS-20183 L1 and L2 Air Dryers (Dielectric Communications) — Requirements and Adjusting Procedures
161-293-301	4	J87298 — DC-to-DC Converter — +6.7 Volts, 200 Amperes — Operating Methods	161-309-702	2	KS-20183 L2 and L3 Air Dryers (Electrodryer Division, Ajax Magnethermic) — Requirements and Adjusting Procedures
161-294-301	1	DC-to-DC Converter — +48 Volts, 5 Amperes — J29183A-50 — Operating Methods	161-309-801	3	KS-20183 L1 and L2 Air Dryers — (Dielectric Communications) — Replacement Parts and Procedures
161-295-301	4	J87304A — DC-to-DC Converter — Operating Methods	161-309-802	2	KS-20183 L2 and L3 Air Dryers (Electrodryer Division, Ajax Magnethermic) — Replacement Parts and Procedures
161-296-301	2	DC-to-DC Converter — J87264 — Operating Methods	161-310-701	2	KS-21403 L1 Air Dryer — Electrodryer Division — Ajax Magnethermic — Requirements and Adjusting Procedures
161-297-301	3	DC-to-DC Converter — J87305A — Operating Methods	161-310-702	1	KS-21403 L1 Air Dryer — (Chatlos System, Incorporated) — Description and Installation
161-298-301	2	DC-to-DC Converter J87283, J87284, and J87285 Operating Methods			

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161-310-801	2	KS-21403 L1 Air Dryer — Replacement Parts and Procedures
161-310-802	1	KS-21403 L1 Air Dryer — (Chatlos System Inc) — Replacement Parts and Procedures
161-315-201	1	Continuous Feed Pressure Systems — D Air Dryer — Description and Installation
Add 161-320-701	1	
161-320-701	3	De Vilbiss Compressor Set — KS-7491, List 1 (AC) — Requirements and Adjusting Procedures
Add 161-320-801	1	
161-320-801	4	De Vilbiss Compressor Set — KS-7491, List 1 (AC) — Piece-Part Data and Replacement Procedures
Add 161-330-701	2	
161-330-701	3	Compressor Set — KS-14514, L1 — Requirements and Adjusting Procedures
161-330-703	1	Compressor Set KS-21231 L1 — Requirements and Adjusting Procedures
161-330-801	4	Compressor Set — KS-14514 L1 and L2 — Replacement Parts and Procedures
161-330-803	1	Compressor Set — KS-21231 L1 — Replacement Parts and Procedures
161-350-701	3	Compressor-Dehydrator KS-14155, List 1 and Dehydrator KS-14155, List 2 — Requirements and Adjusting Procedures
161-350-801	2	Compressor-Dehydrator KS-14155, List 1 and Dehydrator KS-14155, List 2 — Piece-Part Data and Replacement Procedures
161-352-701	2	Compressor-Dehydrator KS-16321, L1 and Dehydrator KS-16321, L2 — Requirements and Adjusting Procedures
161-352-801	1	Compressor-Dehydrator KS-16321, List 1 and Dehydrator KS-16321, List 2 — Replacement Parts and Procedures
161-370-301	6	KS-16001 L1, L2, and L3 Dehydrators and Associated Waveguide Alarms — Operating Methods
Add 161-370-701	1	
161-370-701	4	KS-16001 L1, L2, and L3 Dehydrators — Requirements and Adjusting Procedures
161-370-801	7	KS-16001 L1, L2, and L3 Dehydrators — Replacement Parts and Procedures
161-371-701	2	Waveguides Associated With Delay Lens Antennas — Static and Dynamic Pressures — TD-2 Radio Relay System — Requirements and Adjusting Procedures
161-372-301	4	KS-16153 L1, L2, and L3 Dehydrators and Associated Waveguide Alarms — Operating Methods
161-372-701	6	KS-16153, L1, L2, and L3 Dehydrators — Requirements and Adjusting Procedures

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161-372-801	6	KS-16153 L1, L2, and L3 Dehydrators — Replacement Parts and Procedures
161-374-701	4	KS-16468 L1 — Requirements and Adjusting Procedures
161-374-801	3	KS-16468 L1 Dehydrator — Replacement Parts and Procedures
161-378-701	1	KS-15587 Dynamic Dry Air Supply — Requirements and Adjusting Procedures

161-4 EXHAUSTER SETS, FANS, TUBE COOLING SYSTEMS, AND VENTILATING EQUIPMENT

161-405-301	1	Centrifugal Exhauster Sets — Operation
161-405-701	3	KS-5265 Exhauster Sets — Requirements and Adjusting Procedures
161-405-801	2	Centrifugal Exhauster Sets — Replacement Parts and Procedures
161-408-101	1	Sturtevant Exhauster Sets — Description
161-408-701	4	Centrifugal Fans (Formerly Exhauster Sets) — Requirements and Adjusting Procedures
161-408-801	2	Sturtevant Exhauster Sets — Replacement Parts and Procedures
161-412-701	4	Portable Exhauster Sets — D-96738, D-97067, KS-8038 and KS-8430 — Requirements and Adjusting Procedures
161-412-801	1	Portable Exhauster Set — KS-8430 — (With and Without Extension Collar — KS-14458) — Piece-Part Data and Replacement Procedures
161-430-701	4	KS-14426 Type 1 Exhauster — Requirements and Adjusting Procedures
161-430-801	3	KS-14426 Type Exhauster — Piece-Part Data and Replacement Procedures
161-450-701	3	KS-15860 Fan — Multistage, Turbine Type — Requirements and Adjusting Procedures
161-452-701	4	Blower Motors KS-15553 and Fans KS-15875 — Requirements and Adjusting Procedures
Add 161-452-801	1	
161-452-801	3	Blower Motors KS-15553 and Fans KS-15875 — Replacement Parts and Procedures
161-458-701	1	KS-15800 Blowers and Associated Air Filters Used in J86273 Rectifiers — Requirements and Adjusting Procedures
161-470-301	4	KS-5794 Air Blower — Operating Methods
161-470-701	4	KS-5794 Air Blower — Requirements and Adjusting Procedures
Add 161-470-801	1	
161-470-801	3	KS-5794 Air Blower — Piece-Part Data and Replacement Procedures
161-475-301	4	J86486 Tube Cooling System — Operating Methods

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161-475-801	3	KS-16616 Air Filter — Replacement Parts and Procedures	161-480-701	2	Power Room Ventilation and Air Discharge Duct Equipment — Requirements and Adjusting Procedures
161-476-301	2	J68416A — TH Radio Tube Cooling System — Operating Methods	161-7 CALL ANNOUNCER MACHINES		
Add 161-476-801	1		161-705-701	3	Film Type — Requirements and Adjusting Procedures
161-476-801	2	J68416A — TH Radio Tube Cooling System — Blower and Filter Replacement Procedure	161-705-801	3	Film Type — Piece-Part Data and Replacement Procedures