



Service Bulletin

File GO-10-115
 Subject Electrical System – 2-50 & 2-60 Field Boss Tractors
 Date 8-31-79
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SERVICE INFORMATION

In order to meet production requirements, alternate electrical equipment has been used on 2-50 and 2-60 tractors. Tractor electrical equipment usage is listed below.

2-50 TRACTOR

STARTING MOTORS

<u>Starter Type</u>	<u>Part Number</u>	<u>I. D. No. Stamped On End Of Solenoid Housing</u>	<u>Usage</u>
Marelli	30-304 3509	M125	Used on some 2-50's up to and after approximate tractor S/N 520 175. Identify by I.D. number.
Marelli	31-290 3227	MT68A	Used on some 2-50's up to and after approximate tractor S/N 520 175. Identify by I.D. number.
Bosch	31-290 3198	JF12V	Used on some 2-50's up to and after approximate tractor S/N 520 175. Identify by I.D. number.
Marelli	31-290 3335	MT68AA	Used on some 2-50's after approximate tractor S/N 520 175. Identify by I.D. number.
Marelli	31-290 4907	MT68AB	Used on some 2-50's after approximate tractor S/N 520 175. Identify by I.D. number.
Lucas	31-290 5430	-----	Used on some 2-50's after approximate tractor S/N 520 175. Identify by vendor name stamped on name plate.
Marelli	31-290 5993	MT71A	Used on some 2-50's after approximate tractor S/N 520 175. Identify by I.D. number.

PARTS REPLACEMENT OR REPAIR AT COMPANY EXPENSE IS NOT AUTHORIZED UNLESS SUCH POLICY IS STATED.

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ALTERNATORS

<u>Alternator Type</u>	<u>Part Number</u>	<u>Usage</u>
Marelli (used with 30-304 2863 Mechanical Voltage Regulator and 31-290 0016 Relay)	31-290 2278	Used on all 2-50's up to approximate tractor S/N 521 000.
Marelli with integral electronic voltage regulator.	31-290 5991	*Used on some 2-50's after approximate tractor S/N 521 000.
Bosch with integral electronic voltage regulator.	31-290 4525	*Used on some 2-50's after approximate tractor S/N 521 000.

*31-290 5991 and 31-290 4525 Alternators and their repair parts are interchangeable.

NOTE: Refer to Service Bulletin GO-20-107 for service information on integrally regulated alternators.

2-60 TRACTOR

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STARTING MOTOR

<u>Starter Type</u>	<u>Part Number</u>	<u>I.D. No. Stamped On End Of Solenoid Housing</u>	<u>Usage</u>
Marelli	31-290 3335	MT68AA	Used on some 2-60's up to approximate tractor S/N 799 050. Identify by I.D. number.
Marelli	31-290 4907	MT68AB	Used on some 2-60's up to approximate tractor S/N 799 050. Identify by I.D. number.
Lucas	31-290 5430	-----	Used on some 2-60's after approximate tractor S/N 799 050. Identify by vendor name stamped on name plate.
Bosch	31-290 5992	JD12V 0115	Used on some 2-60's after approximate tractor S/N 799 050. Identify by I.D. number.

ALTERNATORS

<u>Alternator Type</u>	<u>Part Number</u>	<u>Usage</u>
Marelli (used with 30-304 2863 Mechanical Voltage Regulator and 31-290 0016 Relay)	31-290 2278	Used on all 2-60's up to approximate tractor S/N 940 700.
Marelli with integral electronic voltage regulator	31-290 5991	*Used on some 2-60's after approximate tractor S/N 940 700.
Bosch with integral electronic voltage regulator	31-290 4525	*Used on some 2-60's after approximate tractor S/N 940 700.

*31-290 5991 and 31-290 4525 Alternators and their repair parts are interchangeable.

NOTE: Refer to Service Bulletin GO-20-107 for service information on integrally regulated alternators.

If a starting or charging system problem is encountered necessitating repair of starter or alternator, identify type of component before attempting repair.

Service Department
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