SERVICE MANUAL

Excavator Crawler Mini EC15 - EC25 - EC35 - EC45



NEW HOLLAND
CONSTRUCTION

MidWestTech | New Holland EC15, EC25, EC35, EC45 Crawler Mini Excavator Service Man...

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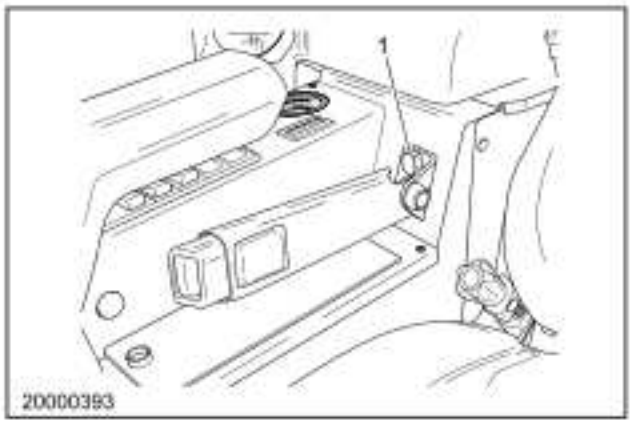
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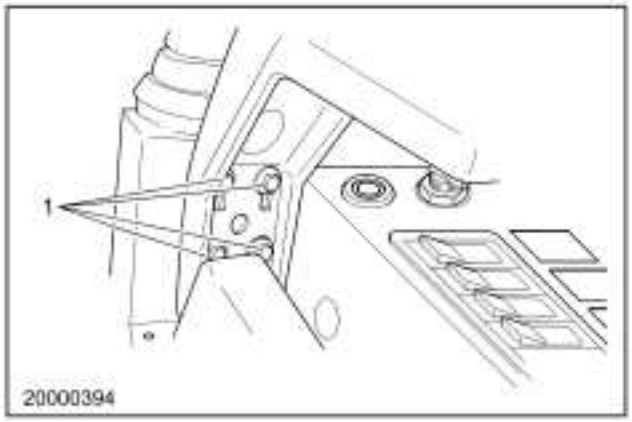
Battery Charge Indicator (Red)

Removal

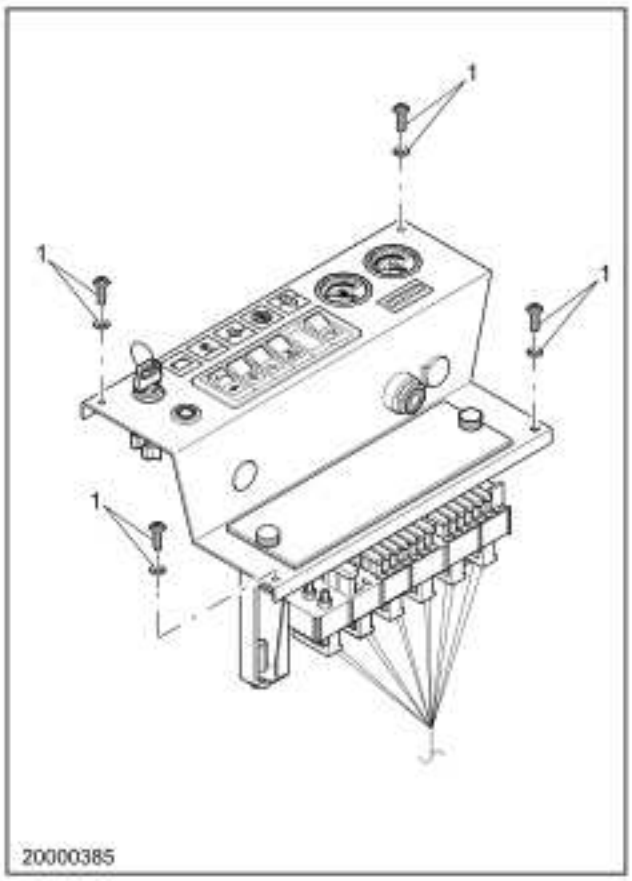
1. Disconnect negative (-) battery cable.
2. Remove seat belt bracket by removing mounting hardware (1).



3. Remove right armrest by removing mounting hardware (1).

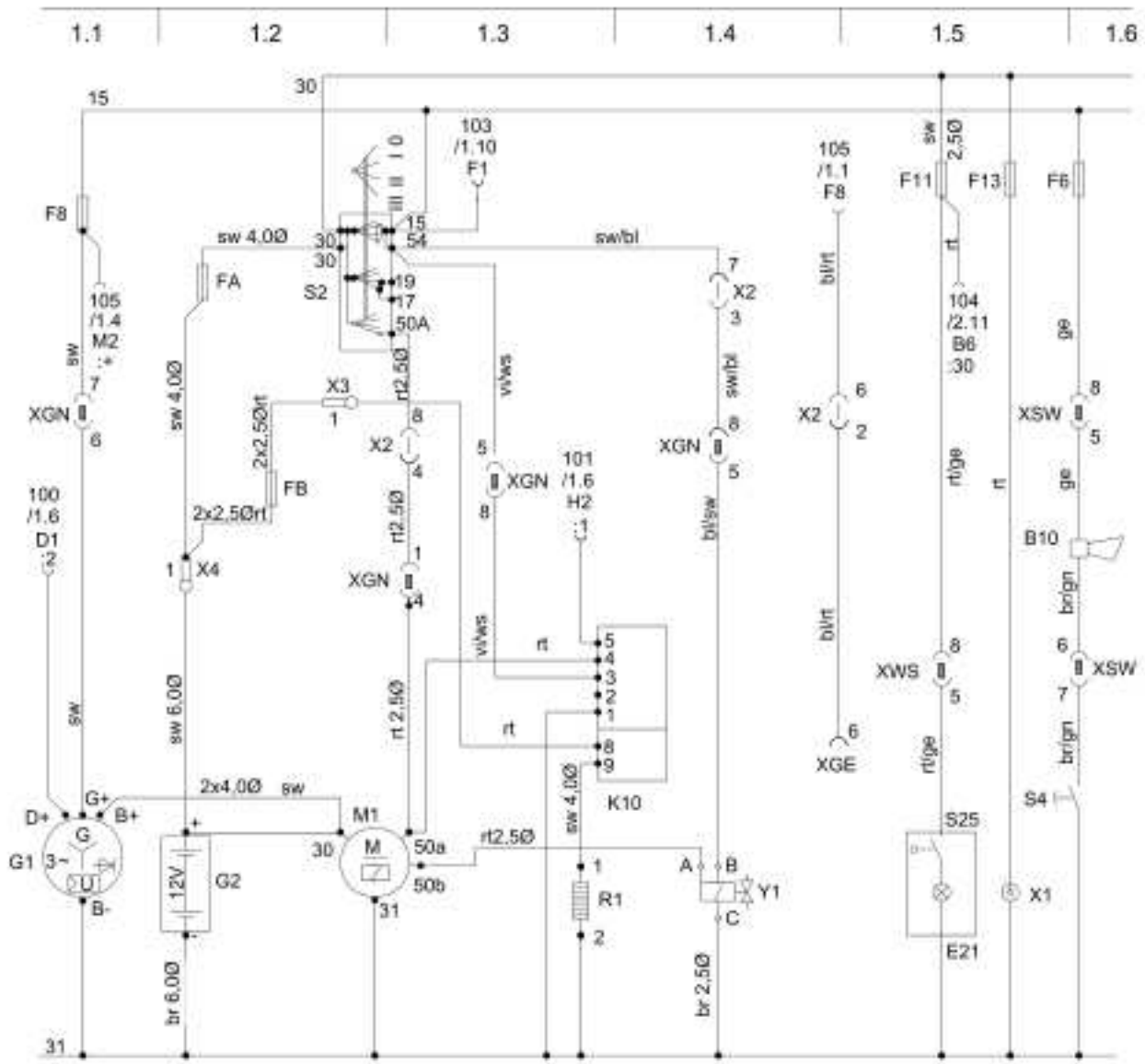


4. Remove screws and washers (1) attaching control panel to machine.



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Electrical Schematic EC45
Sheet 1 of 4



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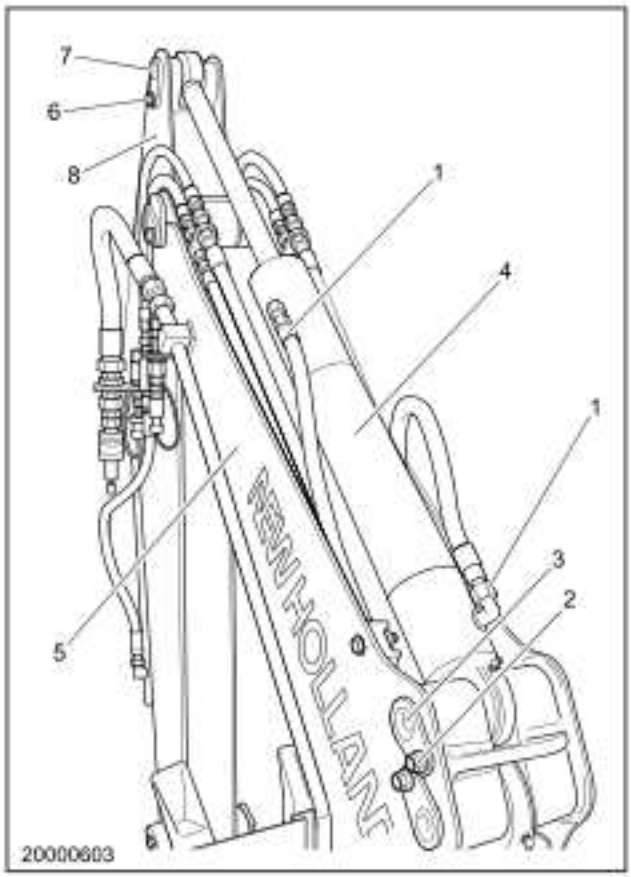
EC45

Removal

WARNING

BUCKET AND DOZER BLADE MUST BE FULLY LOWERED AND PUMP MUST NOT BE OPERATING WHEN REMOVING HYDRAULIC COMPONENTS.

1. Lower the bucket and dozer blade to the ground.
2. Turn off engine and remove key.
3. Disconnect the two hydraulic hoses (1), and plug hoses.
4. Remove screw, washer, and sleeve (2), securing pin (3).
5. Support cylinder (4).
6. Drive out pin (3), to separate cylinder (4), from boom (5).
7. Remove screw, washer, and sleeve (6), securing pin (7).
8. Drive out pin (7), to separate cylinder (4), from stick (8).



Installation

1. Attach cylinder (4), to stick (8), with pin (7).
2. Secure pin (7), with screw, washer, and sleeve (6).
3. Torque screw (6), to 55 lb-ft (79 Nm).
4. Attach cylinder (4), to boom (5), with pin (3).
5. Secure pin (3), with screw, washer, and sleeve (2).
6. Torque screw (2), to 55 lb-ft (79 Nm).
7. Attach two hydraulic lines (1).
8. Operate machine and check for leaks.

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