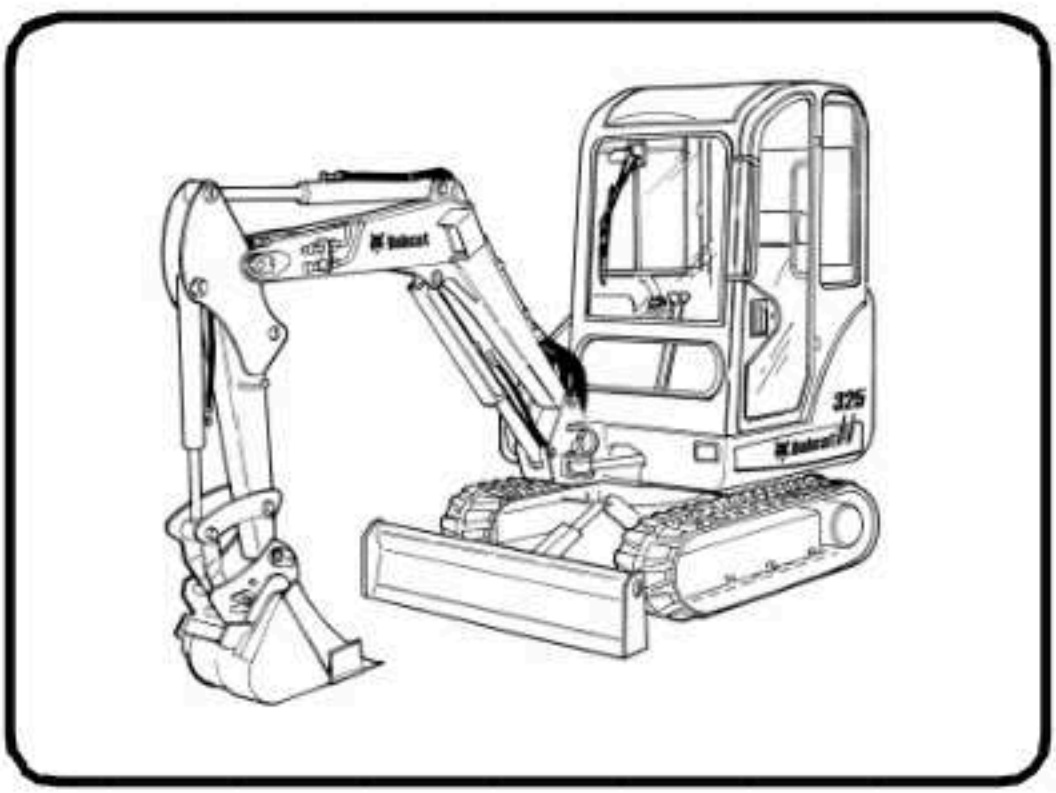
Bobcat®

Service Manual

325/328 Compact Excavator

325 S/N AAC511001 & Above
325 S/N A9K011001 & Above
328 S/N A9K111001 & Above



6986940 (10-09)

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SWING MOTOR

Removal And Installation

Remove the floormat and floor plate. (See Removal And Installation (Canopy Equipped Excavators) on Page 40-110-1 or See Removal And Installation (Cab Equipped Excavators) on Page 40-110-2.)

Remove the battery. (See Removing And Installing The Battery on Page 50-20-2.)

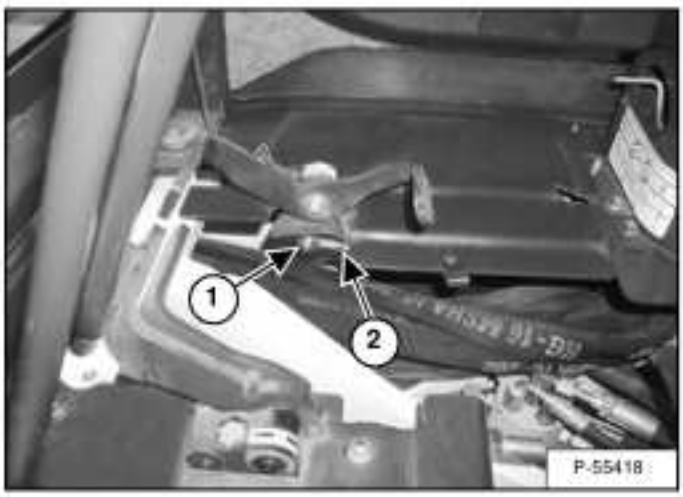
Open the right side cover.

Figure 20-90-1



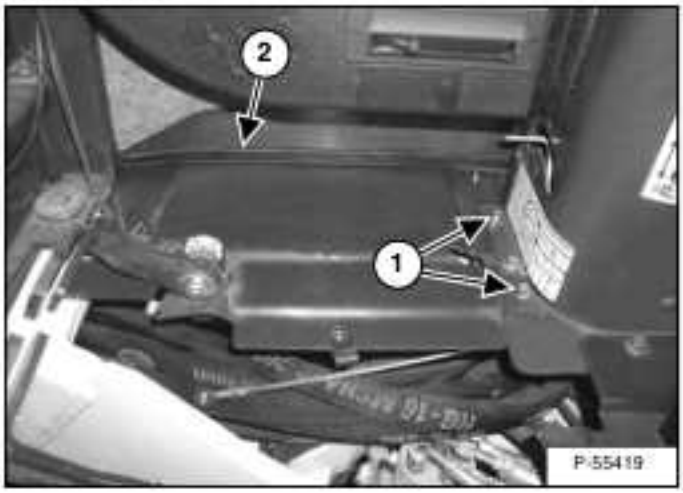
Remove the bolt (Item 1) **[Figure 20-90-1]**.

Figure 20-90-2



Remove the nut (Item 1) from the ball joint on the right pedal linkage (Item 2) **[Figure 20-90-2]**. Remove the linkage from the pedal.

Figure 20-90-3



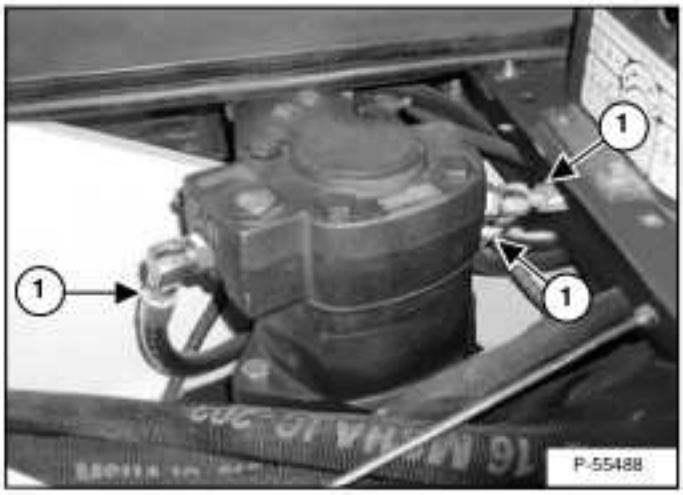
Remove the bolts (Item 1) from the right floor plate (Item 2) **[Figure 20-90-3]**. Remove the right floor plate.

IMPORTANT

When repairing hydrostatic and hydraulic systems, clean the work area before disassembly and keep all parts clean. Always use caps and plugs on hoses, tubelines and ports to keep dirt out. Dirt can quickly damage the system.

I-2003-0888

Figure 20-90-4



Remove the three hoses (Item 1) **[Figure 20-90-4]**.

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Fuel Injector Nozzles Removal And Installation

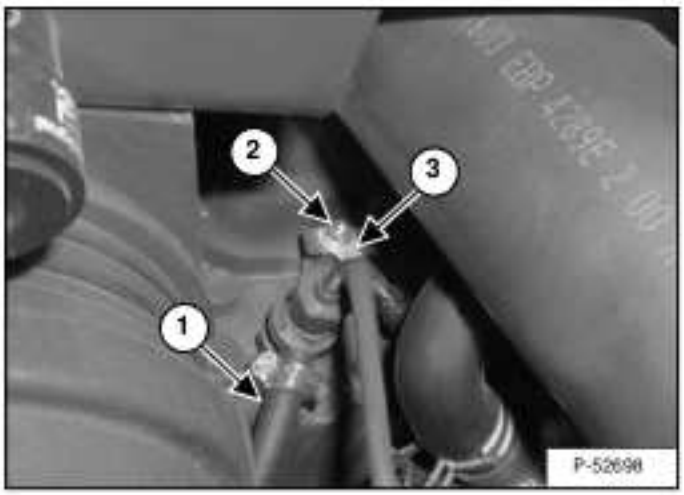
IMPORTANT

Do not bend the high pressure fuel injection tubes when removing or installing them.

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Open the tailgate.

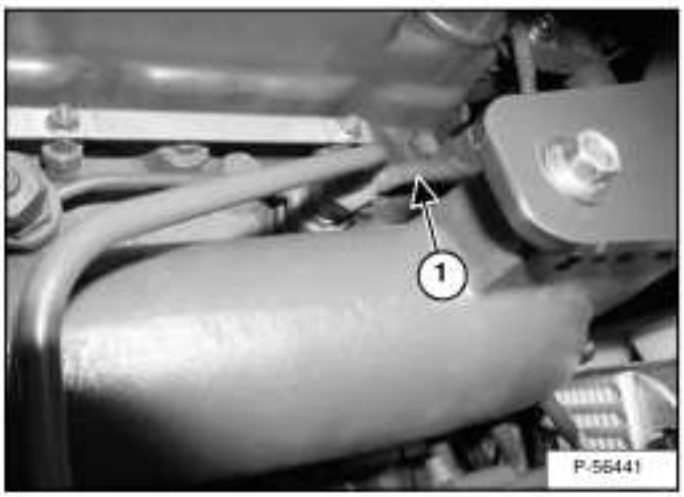
Figure 60-50-24



Remove the fuel line (Item 1) **[Figure 60-50-24]**.

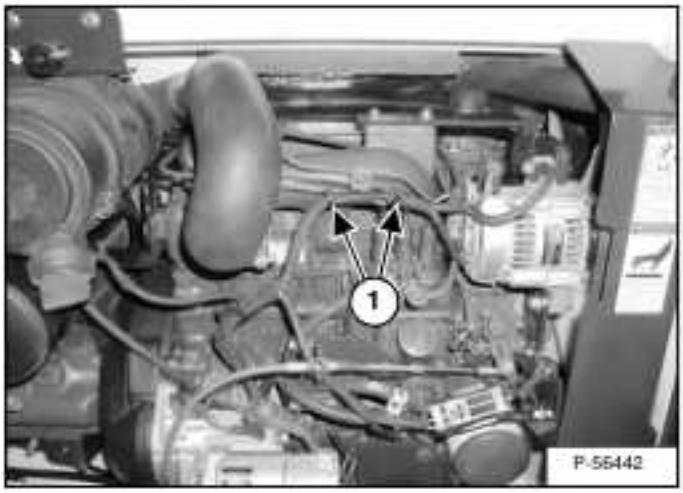
Remove the nut (Item 2) and wire harness (Item 3) **[Figure 60-50-24]**.

Figure 60-50-25



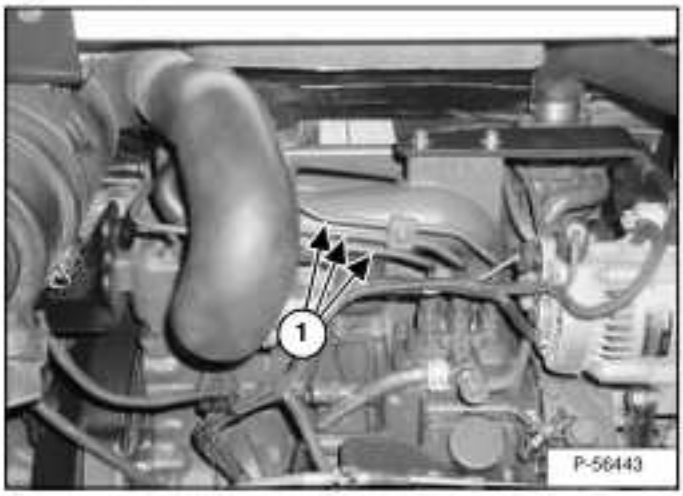
Remove the fuel line (Item 1) **[Figure 60-50-25]**.

Figure 60-50-26



Remove the tie straps (Item 1) **[Figure 60-50-26]**.

Figure 60-50-27



Disconnect the high pressure fuel lines (Item 1) **[Figure 60-50-27]** from the fuel injectors.

Disconnect the fuel lines from the fuel injection pump.

Remove the high pressure fuel lines.

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Track

Width	12.6 in. (320 mm)
Number of shoes (steel track)	37
Number of rollers	3
325 Ground Pressure Rubber Track Steel Track	 4.12 PSI (0,284 bar) 4.22 PSI (0,291 bar)
325 with Long Arm Option & 328 Ground Pressure Rubber Track Steel Track	 4.12 PSI (0,284 bar) 4.22 PSI (0,291 bar)

Electrical

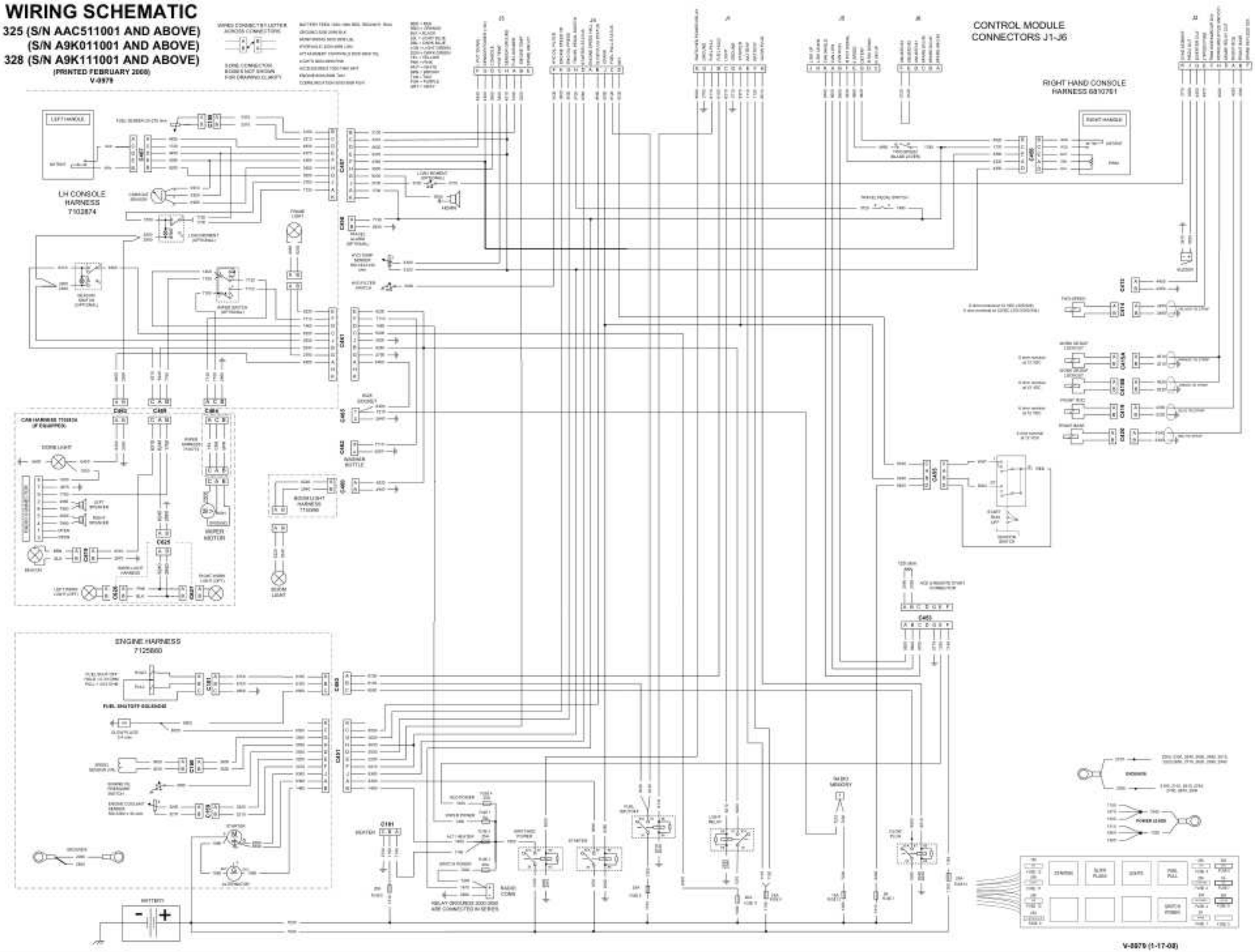
Alternator	12 volts, 40 Amp open frame w/ internal regulator
Battery	12 volts negative ground 12 volts 500 CCA @ 0° F (-18° C), 75 min. reserve capacity
Starter	12 volts gear reduction 1.9 HP (1,4 kW)

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WIRING SCHEMATIC

325 (S/N AAC511001 AND ABOVE)
(S/N A9K011001 AND ABOVE)
328 (S/N A9K111001 AND ABOVE)

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