NEW HOLLAND

MOTOR GRADER

G140
G170
G170VP
G200

SERVICE MANUAL

75314468 NA

Issued 03-2006

NEW HOLLAND

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G140 - G170 - G170 VHP - G200 GRADERS
Service Manual

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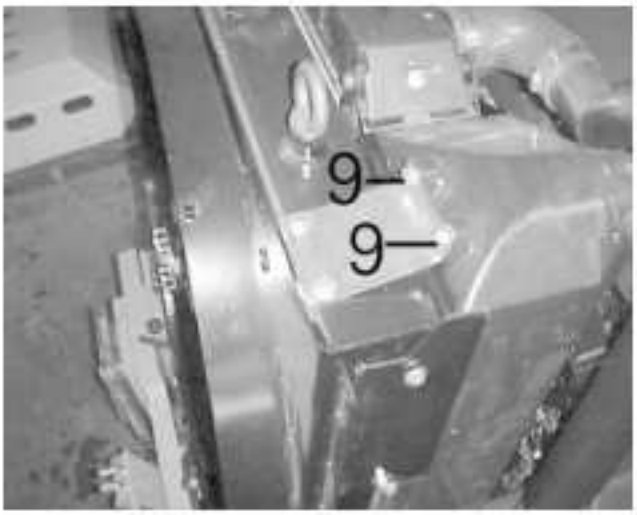
NOTE: CNH Latin America reserves the right to make improvements in design or changes in specifications at any time without incurring any obligation to install them on units previously sold.

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Charge Air Cooler

Air cooler removal

1 - Remove top bolts (9)



2 - Remove bottom bolts (10)



Air cooler assembly.

1 - Place air cooler in the correct position.
2 - Fit top bolts (9) and torque to 2,8 kfg.
3 - Fit bottom bolts (10) and torque to 2,8 kfg.

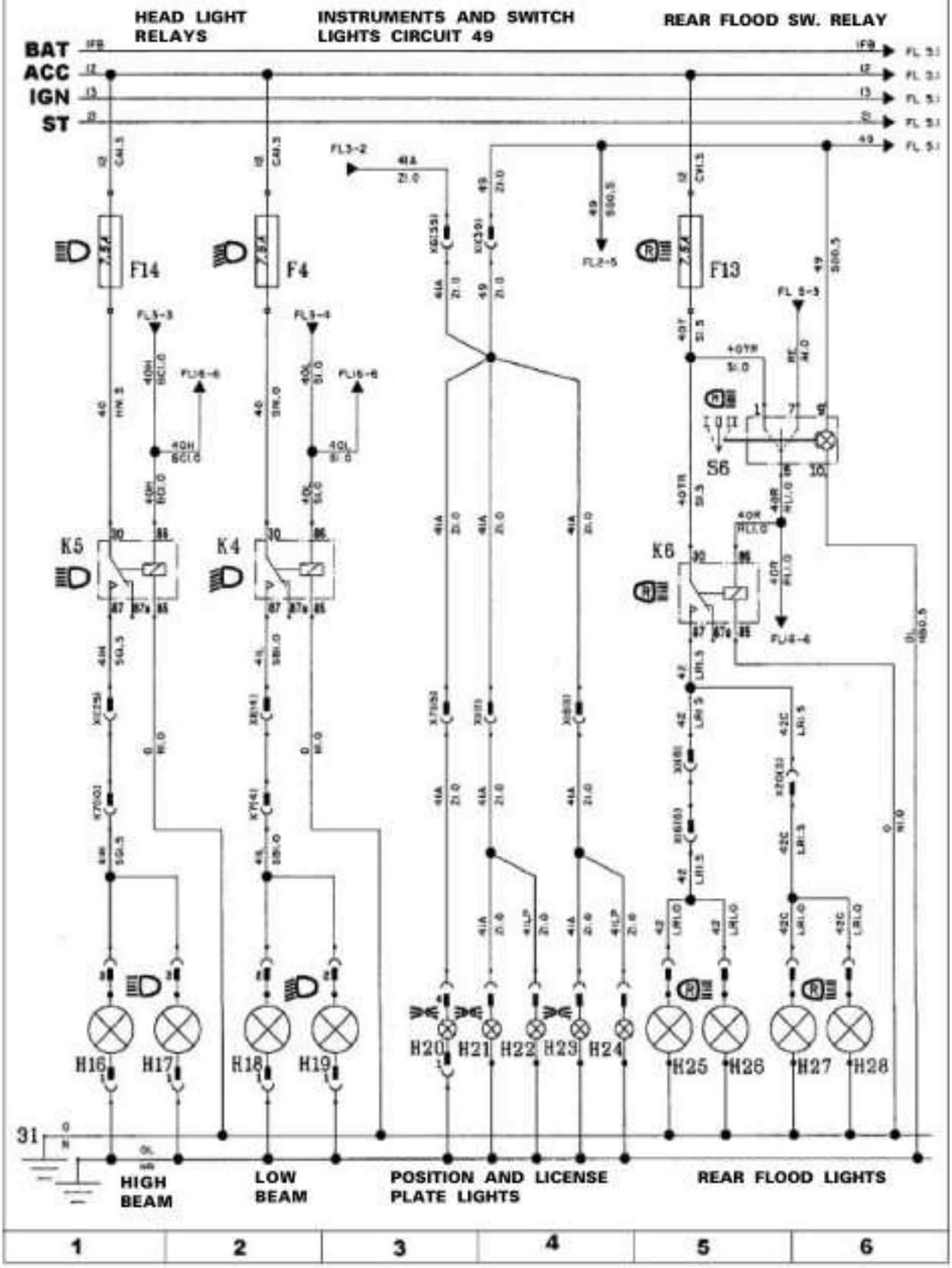
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OTHER MATERIAL

Number	Name	Use
	Transmission fluid	All moving parts and o-rings.

SPECIFICATIONS

Item	Measurement	Specification
Charge pump-to-input housing cap screws.	Torque	100 N·m (74 lb-ft)
Suction manifold-to-input housing cap screws.	Torque	25 N·m (18 lb-ft)
Suction tube-to-charge pump.	Torque	190 N·m (140 lb-ft)
Suction tube-to-suction manifold.	Torque	190 N·m (140 lb-ft)
Wiring harness bracket-to-rear housing cap screw.	Torque	87 N·m (64 lb-ft)
Wiring harness connector-to-wiring harness bracket	Torque	18—27 N·m (13—20 lb-ft)

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Dual over center valve, moldboard lift and right cylinder



Dual over center valve, circle side shift cylinder.

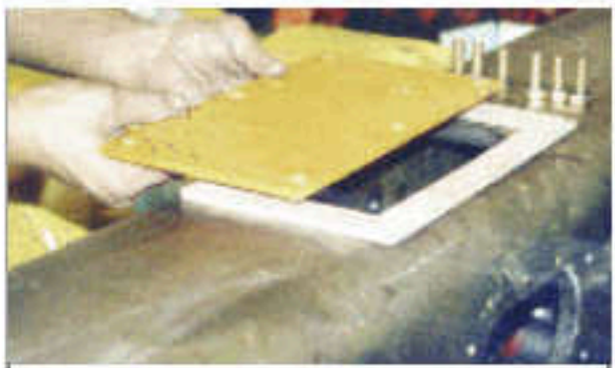


Dual over center valve, rear ripper cylinder.

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Remove the cover screws

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