Rowtrac™ 370
Rowtrac™ 420
Rowtrac™ 470
Rowtrac™ 500
Steiger® 370
Steiger® 420
Steiger® 470
Steiger® 500
Steiger® 540
Steiger® 580
Steiger® 620
Quadtrac® 470
Quadtrac® 500
Quadtrac® 540
Quadtrac® 580
Quadtrac® 620
Tier 4B (final)
Tractor

PIN ZFF308001 and above

OPERATOR'S MANUAL

Part number 47754784
1st edition English
July 2015

CASE IH AGRICULTURE

MidWestTech | Case Rowtrac Steiger Quadtrac 370, 420, 470, 500, 540, 580, 620 Tier 4B Tractor Operator's Manual | Publication 47754784
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Contents

1 GENERAL INFORMATION

Note to the owner 1-1
Intended use 1-1
CNH Industrial America LLC technical manuals 1-2
Your tractor 1-3
Electro-Magnetic Compatibility (EMC) 1-5
Product identification 1-6
Operator's manual storage on the machine 1-9
Machine orientation 1-10
Component location 1-12
Selective Catalytic Reduction (SCR) system 1-14

2 SAFETY INFORMATION

Safety alert symbol and signal word definition 2-1
Proposition 65 2-2
Safety rules 2-3
Protective structures 2-14
Emergency exit 2-15
Articulation cylinder locking blocks 2-16
Safety signs 2-17

3 CONTROLS AND INSTRUMENTS

Access to operator's platform

Cab access/exit 3-1

OPERATOR'S SEAT

Overview 3-3
Control identification 3-4

INSTRUCTOR'S SEAT

Overview 3-7

FORWARD CONTROLS

Steering column controls 3-9
Front console controls 3-12
Pedal controls 3-13
Ventilation 3-15
Front sun shade 3-16

RIGHT-HAND SIDE CONTROLS

Armrest console 3-17
Multi-function handle 3-18
Control panel 3-22
Remote valve controls 3-28
Joystick 3-29

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Armrest compartment 3-30
Adjusting the armrest console 3-32

REARWARD CONTROLS
Rear sun shade 3-33

OVERHEAD CONTROLS
Overview 3-34
Automatic Temperature Control (ATC) 3-36
Automatic Temperature Control (ATC) operation 3-40
Center panel controls 3-42
Radio (if equipped) 3-46
Interior and access lights 3-47
Interior rear-view mirror 3-48

EXTERIOR CONTROLS
Exterior hitch control 3-49
Outside extendable mirrors 3-49

INSTRUMENT CLUSTER
Overview 3-50
Gauges 3-50
Status and warning icons 3-51
Upper display 3-54
Diesel Exhaust Fluid (DEF)/AdBlue® level 3-55
Diesel Exhaust Fluid (DEF)/AdBlue® display warnings 3-56
Lower display 3-66
Keypad 3-68
Instrumentation - setup menu 3-69
Instrumentation - adjust menu 3-76
Performance instrumentation 3-83

4 OPERATING INSTRUCTIONS

COMMISSIONING THE UNIT
Before starting the engine 4-1

STARTING THE UNIT
Normal engine starting 4-5
Cold temperature operation 4-7

STOPPING THE UNIT
Stopping the machine and the engine 4-9

MOVING THE UNIT
Powershift transmission 4-10
Selective Catalytic Reduction (SCR) system 4-18
Electronic steering system 4-20

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Automatic Productivity Management (APM™) 4-21
Differential lock system 4-31
Power management 4-35
Constant engine speed 4-36
Electronic end-of-row system 4-38
Engine compression brake (if equipped) 4-48

5 TRANSPORT OPERATIONS

ROAD TRANSPORT

Tractor warning lamps and Slow Moving Vehicle (SMV) symbol 5-1
Wide transport marker light 5-4
Operating the tractor warning lamps 5-5
Safe transport speed 5-6
Implement warning lamps and Slow Moving Vehicle (SMV) symbol 5-7
Safety chain 5-7

SHIPPING TRANSPORT

Securing the tractor for shipping 5-8

RECOVERY TRANSPORT

Safety rules 5-9
Towing the tractor 5-10

6 WORKING OPERATIONS

GENERAL INFORMATION

Product overview 6-1

REAR POWER TAKE-OFF (PTO)

Power Take-Off (PTO) safety rules 6-2
Connecting the Power Take-Off (PTO) 6-4
Power Take-Off (PTO) operation 6-5

THREE-POINT HITCH

Identification 6-8
Link adjustment 6-9
Sway block adjustment 6-12
Mechanical float adjustment 6-13
Hitch quick coupler - Category IVN 6-14
Transport lock 6-17
Hitch operation 6-18
Rear remote hitch switch 6-22
Position control operation 6-23
Slip control operation 6-25

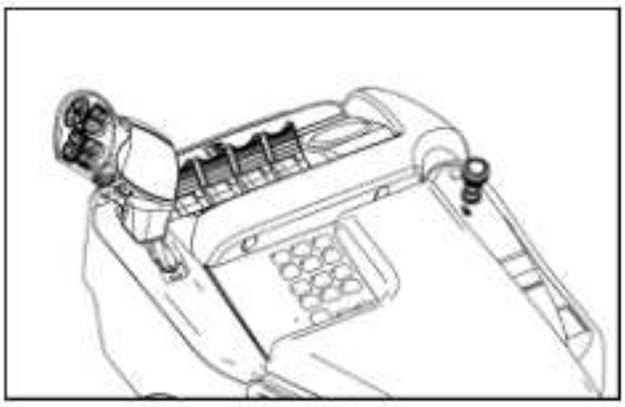
DRAWBARS AND TOWING ATTACHMENTS

Safety rules 6-27

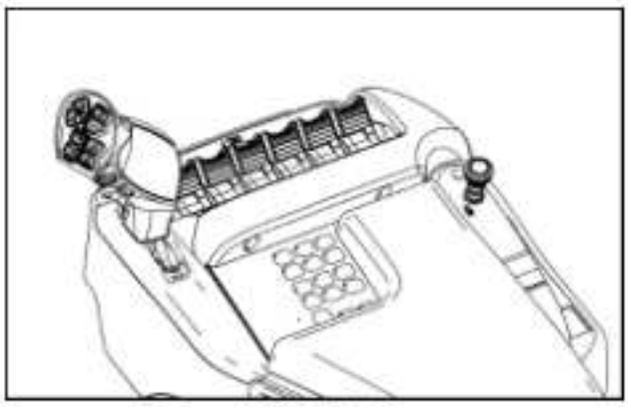
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Right-hand armrest controls

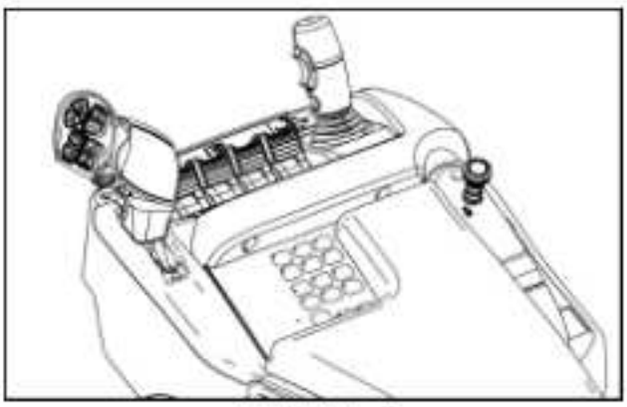
Your tractor may be equipped with a four lever, six lever, or a four lever with joystick control depending upon the options on your tractor.



Four lever



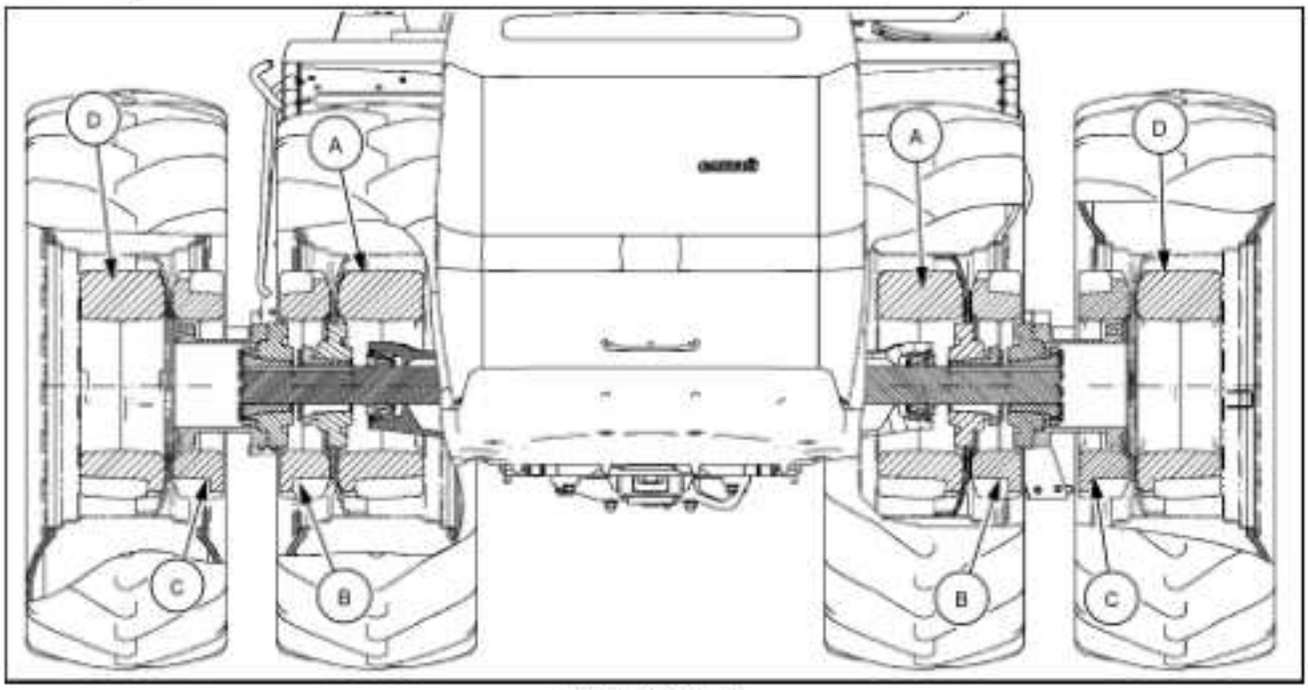
Six lever



Four lever with joystick

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Wheel weights



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Cast wheel weights are required in place of fluid filled tires. Cast wheel weights will allow the tire to flex with the contour of the ground increasing tire contact area, reducing compaction and providing a smoother ride. Cast wheel weights will not increase rolling resistance due to internal friction (as fluid will), this will increase the efficiency of your tractor. Wheel weights are available in **227 kg** (**500 lb**) and **454 kg** (**1000 lb**) weights for tractors with 10 bolt hub. Wheel weights are available in **408 kg** (**900 lb**) and **726 kg** (**1600 lb**) weights for tractors with 18 bolt hub.

Several points should be noted when installing and using wheel weights (see diagram):

1. **227 kg** (**500 lb**) and **408 kg** (**900 lb**) weights can be assembled to either side of the wheel (locations -A through location - D). Only the **227 kg** (**500 lb**) wheel weight can be can be bolted together on the same side of the wheel with a maximum of two on the same side of the wheel.
2. Always assemble wheel weight mass as close to the tractor frame as possible. Fill location A first, B second, C third and D last.
3. Bolts for mounting **227 kg** (**500 lb**) and **408 kg** (**900 lb**) wheel weights must pass through the hole in the weight first, wheel second except when a **227 kg** (**500 lb**) or **408 kg** (**900 lb**) weight is mounted opposite another **227 kg** (**500 lb**) or **408 kg** (**900 lb**) weight, then reverse the direction of the bolts to allow re-torque of the nuts.
4. **454 kg** (**1000 lb**) and **726 kg** (**1600 lb**) wheel weights assemble only to the concave side of the wheel.
5. Bolts for mounting **454 kg** (**1000 lb**) and **726 kg** (**1600 lb**) wheel weights must pass through the rim first, and the weight second to allow re-torque of the nuts.
6. Maintain a minimum of **50 mm** (**2 in**) clearance between wheel weight and tractor components.

NOTICE: *The maximum weight per wheel is* ***680 kg*** *(****1500 lb****) on tractors with 10 bolt hubs. The maximum weight per wheel is* ***1134 kg*** *(****2500 lb****) on tractors with 18 bolt hubs. Never exceed the maximum recommended operating weight for your tractor.*

NOTE: *On all tractors an OEM approved wheel installation is required for single tire applications. This wheel installation includes two hub assemblies to support the wheel on the axle bar, instead of the standard one hub assembly per wheel. On the 76X50-32* ***Firestone®*** *single tire option cast wheel weights cannot be installed. On all other single tire options either the standard* ***227 kg*** *(****500 lb****) weight or* ***454 kg*** *(****1000 lb****) weight can be installed on the inside (i.e. between tractor chassis and tire) of the wheel only. The wheel cannot accept weight on the outboard side.*

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Every 600 hours

Engine oil and filter (see Note 3)

NOTE: *3: Reduce to 300 hours or less if* ***CASE IH AKCELA UNITEK NO. 1™ SBL CJ-4*** *is not used.*

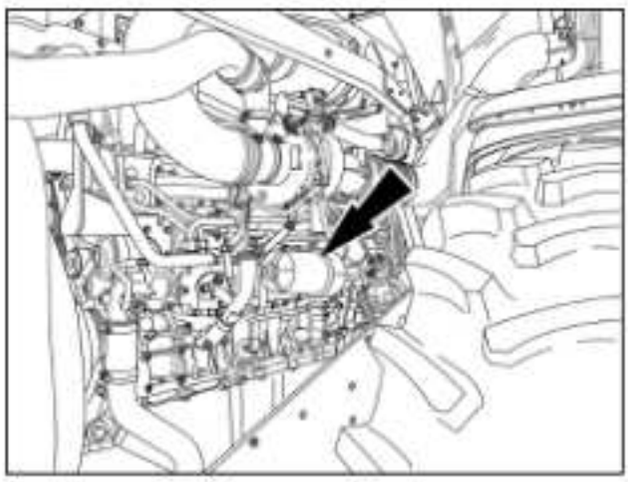
Change the engine oil and filter every 600 hours or once a year or before storage, whichever occurs first. Your dealer has approved oil and filters. Do not use other types of oil or filters.

NOTE: *For best results change the oil and filter while the engine is still warm to the touch from operation (not hot). The tractor must be on a level surface.*

Refer to **7-3** and remove the engine side shields.

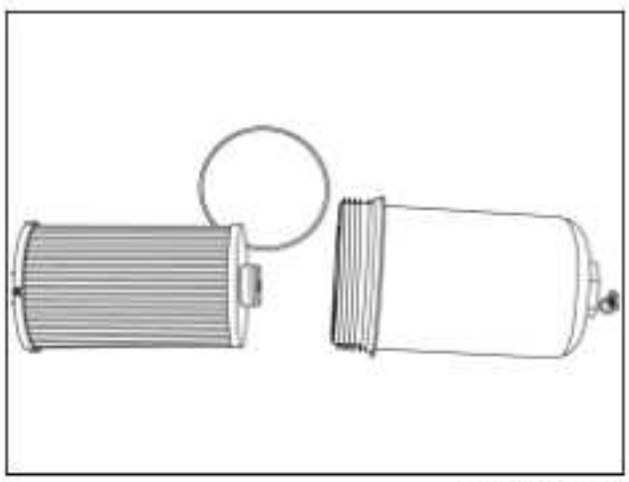
9L engine

1. Remove the oil pan drain plug and drain the oil from the engine into a container.
2. After all oil has drained, install new washer 98474302 on drain plug, center washer on plug and install drain plug. Torque drain plug to **30 N·m** (**22 lb ft**).
3. Clean the area around the filter head and housing on the left side of the engine. Place a container under the oil filter and turn the filter housing counterclockwise to loosen with a **51 mm** (**2 in**) wrench. After all oil has drained from the filter, remove the housing with filter.



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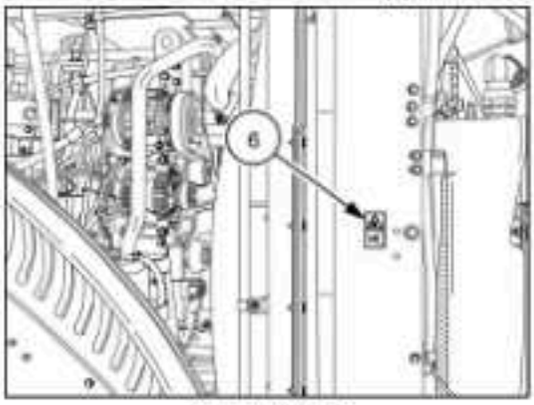
4. Install the new filter cartridge and O-ring. Lightly oil new O-ring.
5. Reinstall the filter assembly onto the tractor. Do not over tighten or O-ring will leak.



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6. Fan warning (quantity 2) Each side of radiator support	87488609



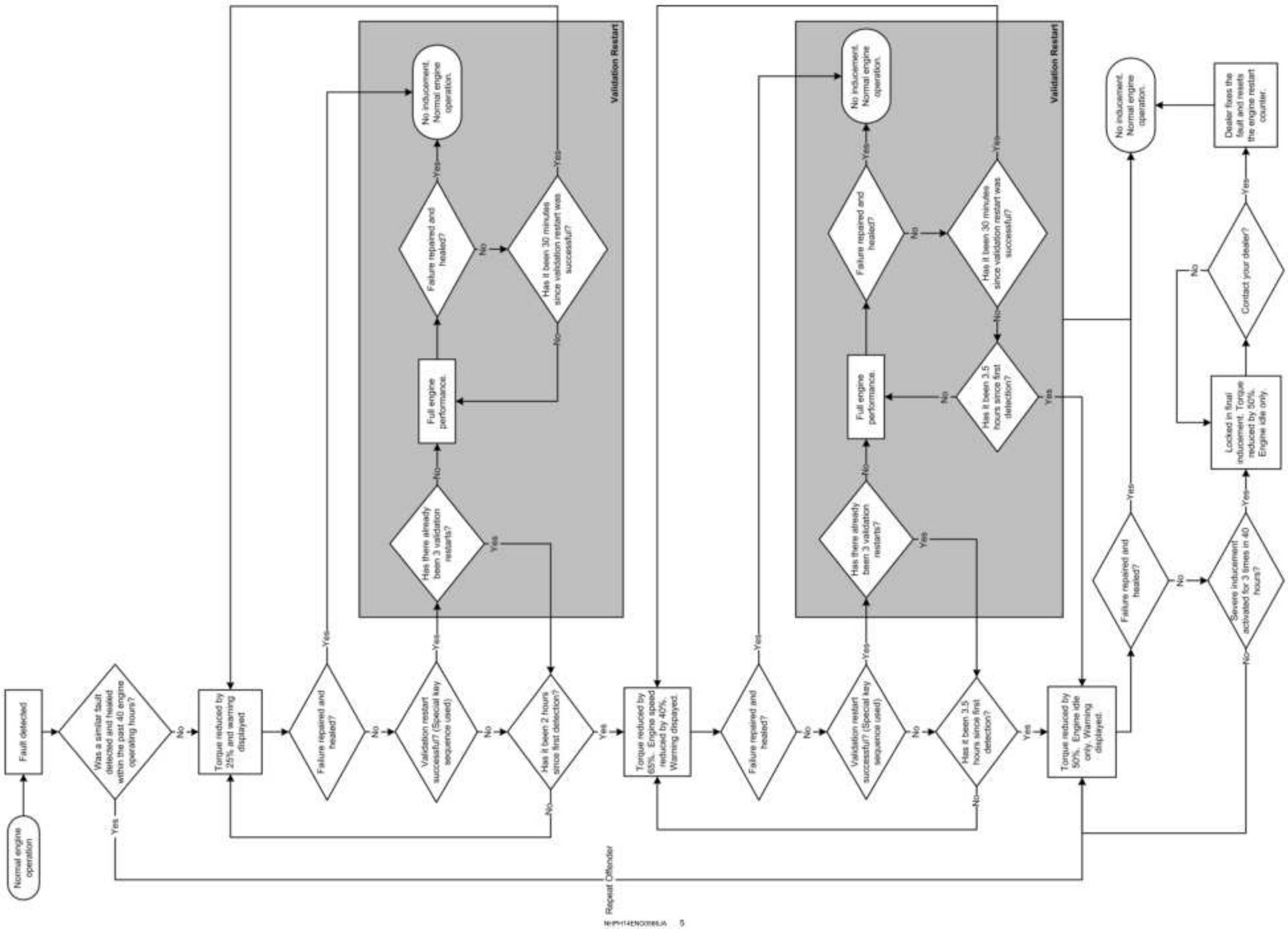
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Warning
Entanglement hazard
Keep clear or stop engine before servicing.
Failure to comply could result in death or serious injury.

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