



GO-GDE-PAV-022

SERVICE GUIDE

GRACO LINEDRIVER HD 200 • PETROL

LineDriver HD Service Guide

Engine, hydraulic drive and running gear

Applies to

LineDriver HD
200, 262005

Source

Graco manual
312540

Document

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Step-by-step service for the LineDriver HD, in the order you work on it.

What is in this guide

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Section 1	4	Engine air filter and spark plug
Section 2	5	Hydraulic oil, filter and drive purge
Section 3	6	Tyre change and parking brake
Part 4	7	Service parts list and schedule
Shared	4 and 7	Same air filter and plug as the 200HS striper



Authorised Warranty and Repair Agent for Graco Australia

Warranty claims, scheduled service and genuine parts are handled in house at Deception Bay, with Direct Freight collection nationwide and on site commissioning and training.



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PART 1 • BEFORE YOU START

Safety and Who Does What

The LineDriver carries an operator at up to 16 km/h on hydraulic drive. Park it, set the brake and stop the engine before starting any work in this guide.

Before you work on it

- Park on level ground and set the parking brake.
- Turn the engine OFF and let the exhaust cool before working near it.
- Disconnect the spark plug lead before working around the clutch or the drive.
- Chock or block the machine if the wheels have to come off the ground.
- The wheel release is hand tight. Closed to drive, open only to push the machine.
- Fill hydraulic oil to the top of the baffle. There is no dipstick.
- The seat switch stops the engine if the operator gets off without setting the brake. Never bypass it.

Operator jobs and GO jobs

JOB	ON THE TRUCK	BACK TO GO
Engine oil, air filter and plug	Operator	
Hydraulic oil and filter change	Operator	
Tyre replacement	Operator	
Parking brake adjustment	Operator	
Seat switch replacement	Skilled operator	Recommended
Hydraulic pump or wheel motor		Yes
Engine internals		Yes, or a Honda agent

• Warranty

Ride on attachments built from 2021 carry a three year Graco ANZ warranty, not the twelve months in the manual. It covers the drive train, engine, seat, steering, frame and electronics. Service to these intervals with the specified fluids to keep it valid. Call GO before sending anything in.



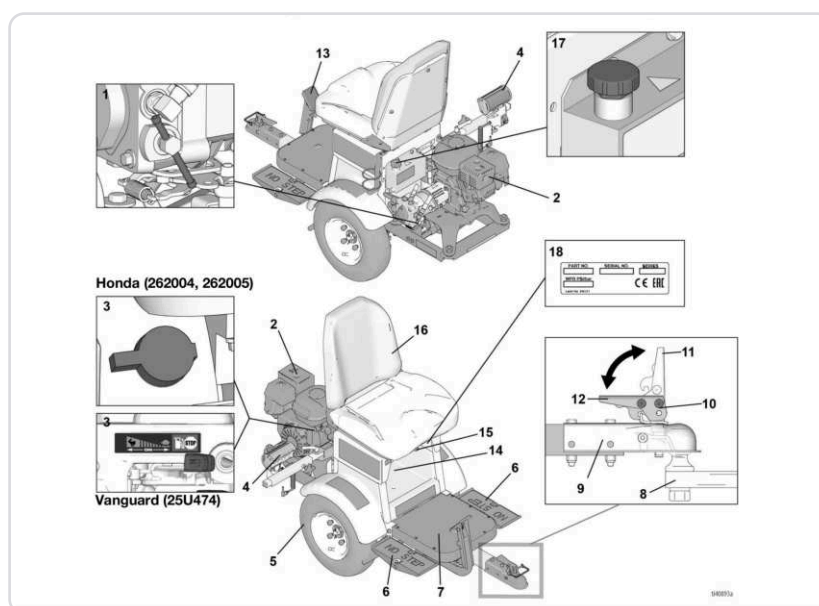
PART 1 · THE MACHINE

Know Your LineDriver HD

One engine, one hydraulic pump and two wheel motors.

What this machine is

- LineDriver HD 200, part number 262005, with a Honda GX200 at 6.5 hp.
- 0 to 16 km/h forward, 0 to 10 km/h reverse, on two wheel motors.
- Hydraulic pressure 2700 psi, 186 bar. System capacity 1.9 litres, 2 US quarts.
- Weight 125 kg. Fuel tank 3.6 litres.
- Graco manual 312540 covers this machine. Use the 262005 column.
- Check the model on the ID plate before ordering parts.



Component identification, LineDriver HD. Source: Graco manual 312540.

Controls you will use in this guide

CONTROL	WHERE	WHAT IT DOES
Wheel release	On the transaxle	Open to push it, closed to drive
Parking brake	Beside the seat	Set it to start, and before leaving the seat
Direction and speed pedals	Floor plate	Forward, reverse and machine speed
Hydraulic fill cap	Top of the reservoir	Fill to the top of the baffle

SECTION 1 • ENGINE

Engine Service, Honda GX200

Same Honda GX200 as the 200HS striper, so one air filter and one plug suit both machines.

Air filter and spark plug, step by step

- Park level, set the parking brake, stop the engine and let it cool.
- Pull the plug lead off, unclip the air filter cover and lift the element out.
- Tap paper clean, wash foam in warm soapy water, dry it. Replace anything oily.
- Refit the element and cover. Seat it properly or dust gets into the engine.
- Remove the plug with a plug wrench. A socket on a long extension can crack the porcelain.
- Gap the new BPR6ES to 0.7 to 0.8 mm, then wind it in by hand until it seats.
- Tighten it, refit the lead, and test run the engine before the covers go back on.

What the engine takes

PART OR FLUID	SPECIFICATION	PART NUMBER
Engine	Honda GX200, 6.5 hp	116080
Engine oil	SAE 10W-30, 5W-30 when cold	Honda spec
Air filter element	Weekly, daily in dust	17210-Z4M-821
Spark plug	NGK BPR6ES or Nippondenso W20EPR-U	BPR6ES
Plug gap	0.7 to 0.8 mm, 0.028 to 0.031 in	Feeler gauge
Oil change	First 20 h, then every 100 h	Check level daily
Fuel tank	3.6 litres, 0.95 US gallons	Generator output 70 W

• Engine misses on turns? Check the oil

Low engine oil makes the machine miss on turns and direction changes before the oil sensor stops the engine. Keep the oil full.

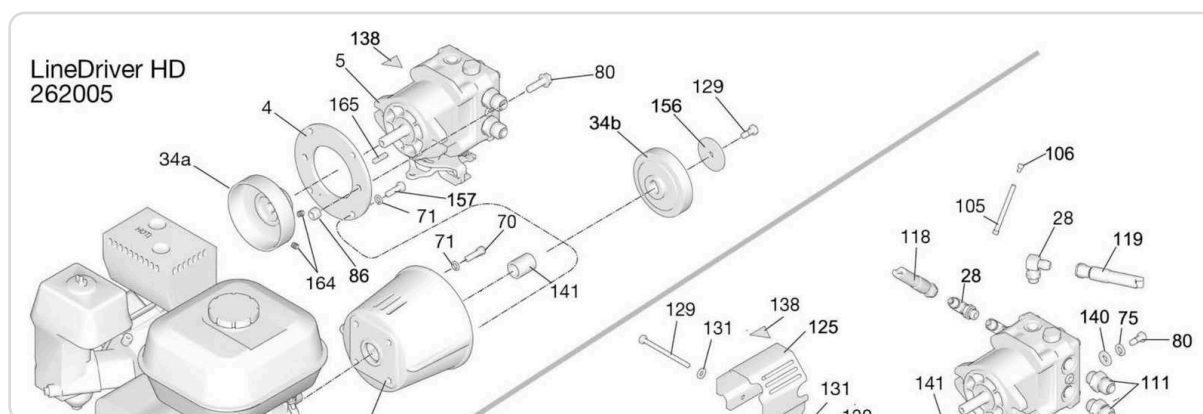
SECTION 2 · HYDRAULIC DRIVE

The Drive Pump and Wheel Motors

A centrifugal clutch drives a variable displacement hydraulic pump, which feeds a motor in each rear wheel.

Changing the hydraulic oil and filter, yearly or 500 hours

- Mobil 1 15W-50 synthetic only, filter 245342. Capacity 1.9 litres.
- Remove the filter and let the reservoir drain out through the filter base.
- Fit the new filter, then fill the reservoir to the top of the baffle.
- Open the wheel release, start the engine and run at low rpm for three minutes.
- Close the wheel release, check the level and top back up to the top of the baffle.
- Run this purge after any hydraulic part change as well.



Engine, centrifugal clutch and hydraulic drive pump, 262005. Source: Graco manual 312540.

Drive fault finding

SYMPTOM	LIKELY CAUSE	WHAT TO DO
Engine runs, machine will not move	Oil low, or the wheel release is open	Fill with Mobil 1 15W-50. Close the release hand tight
Moves slowly both ways	Oil low, or the parking brake is set	Fill, and release the brake
Creeps in forward or reverse	Parking brake needs adjustment	Adjust the parking brake
Brake will not hold the machine	Parking brake needs adjustment	Adjust the parking brake

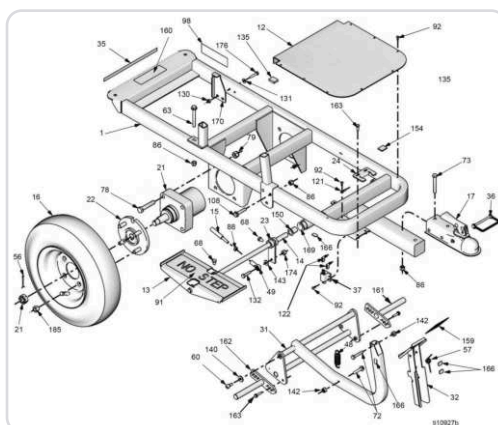
SECTION 3 · RUNNING GEAR

Running Gear, Controls and Interlocks

The wheels, brake, seat switch and tow point.

Changing a tyre, and setting the parking brake

- Park level, set the brake, stop the engine and chock the wheel you are not lifting.
- Slacken the four wheel nuts before it leaves the ground, then block under the frame.
- Remove the nuts and pull the wheel off hub 24J889. Kit 249083 is a pair, so do both sides.
- Fit the wheel, start the nuts by hand, lower it, then tighten in a cross pattern.
- Inflate to the pressure on the tyre sidewall.
- Brake: with tyres at working pressure, unbolt the brake rod, set it 3 to 6 mm off the tyre, refit.



Frame, wheels, coupler and pedals. Source: Graco manual 312540.

Running gear parts and what they do when they fail

PART	NUMBER	SYMPTOM AND FIX
Turf tyre kit	249083	A kit of two. Inflate to the sidewall figure
Seat safety switch	116833	Engine keeps running when you step off. Set brake, then replace
Wheel motor and hub	116814, 24J889	A wheel drags or will not drive. Workshop job
Ball coupler and pin	116889, 113696	Play at the tow point. Check before a long run



PART 4 · PARTS AND SCHEDULE

Service Parts and Schedule

Every part this guide calls for, in one list.

The service parts list

PART	WHAT IT IS FOR	NUMBER
Hydraulic oil filter	Yearly or 500 hours	245342
Turf tyre kit	Two tyres, 262005	249083
Wheel motor	One in each rear wheel	116814
Wheel hub	Four bolt	24J889
Seat safety switch	The operator interlock	116833
Ball coupler and pin	The connection to the striper	116889, 113696
LED work light	Run off the engine generator	17R098

Consumables and GO service

- Hydraulic oil: Mobil 1 15W-50 synthetic, 1.9 litres a change.
- Engine oil and air filter are shared with the 200HS striper.
- Book scheduled service before the season. Parts lead times are the main hold-up.
- The striper and ride on share an engine, so one visit covers both.
- Three year Graco ANZ warranty on ride on attachments built from 2021, engine included.

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