

NEW HOLLAND

TD 60D
TD 70D
TD 80D
TD 90D
TD 95D

OPERATOR'S MANUAL

NEW HOLLAND

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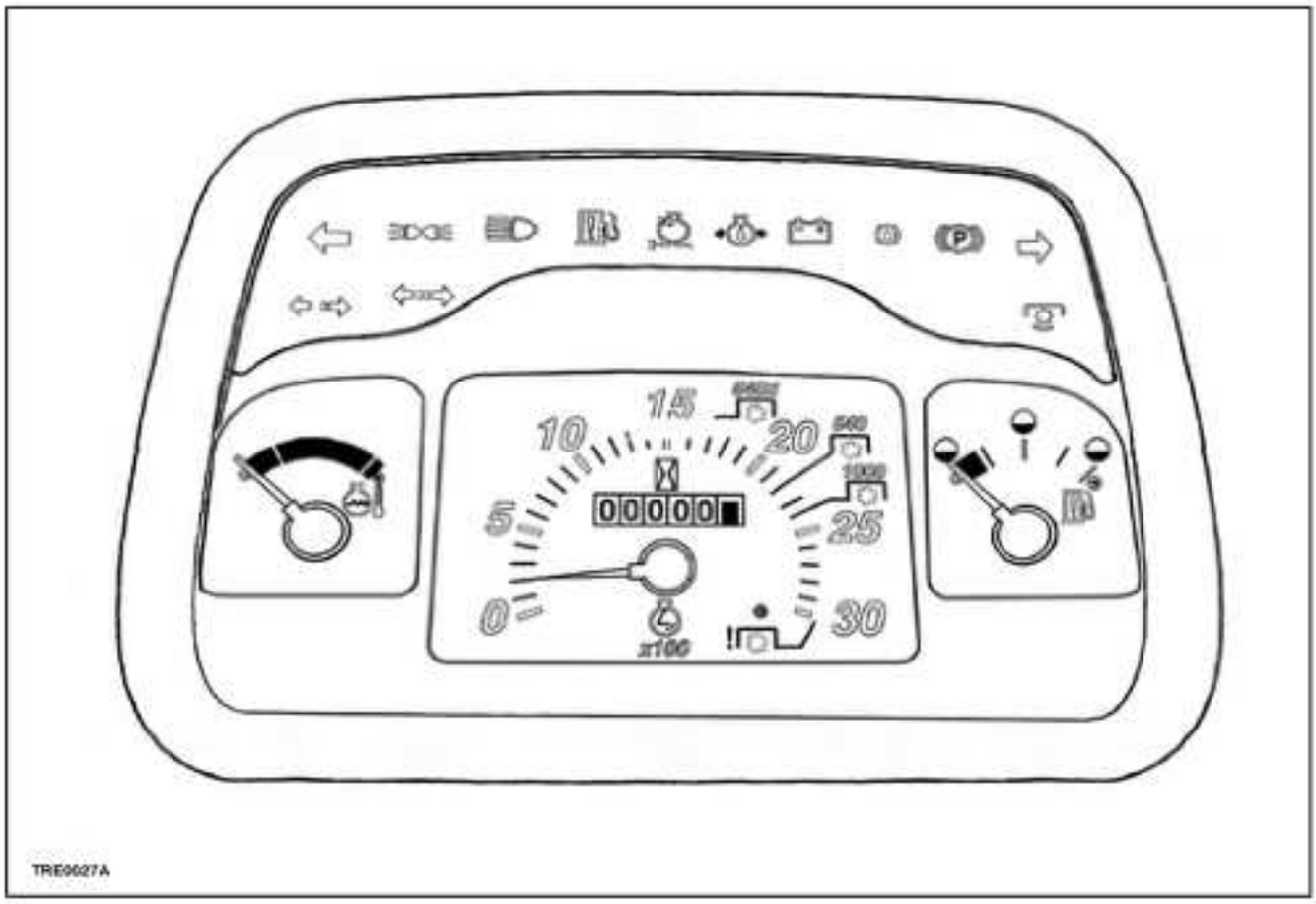
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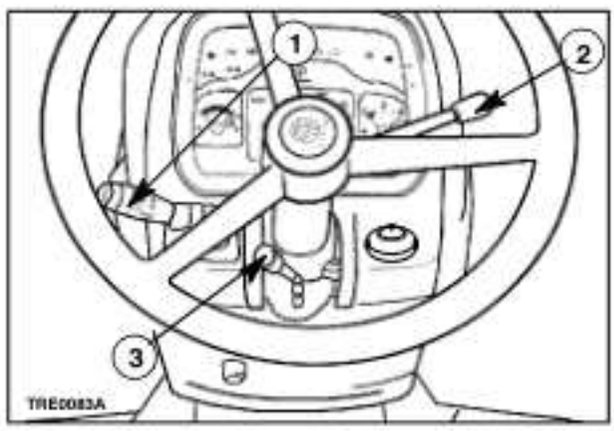
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INSTRUMENT PANEL AND CONSOLE CONTROLS



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INSTRUMENT CONSOLE CONTROLS - Fig. 17



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1. Lights control lever

The lever operates external lights, horn and the direction indicators.

2. Hand throttle lever

- Pushed fully forward; min. engine speed
- Pulled fully backward; max. engine speed

3. Steering wheel position lever

Push lever (3) to release the steering wheel lock. Move the steering wheel up or down to find the best position for comfortable and safe driving. Pull the lever to lock the steering wheel in the required position.

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Hours of work	Operation number	Maintenance operations	Functional check	Top up	Clean	Grease	Adjust	Replace	Page
Every 300 hours	27	Engine oil						●	4-19
	28	Fuel filter						●	4-19
	29	Fuel pump filter			●				4-19
	30	Oil filter, hydraulic lift						●	4-20
	31	Engine oil filter						●	4-20
	32	Oil filter, hydrostatic steering (separate tank)						●	4-20
	33	Final reduction gears		●					4-21
	34	Dry air filter (external cartridge)			●				4-21
	35	Rear transmission and hydraulic lift	●	●					4-21
	36	Front axle housing 4WD	●	●					4-22
	37	Handbrake	●				●		4-22
	38	Front axle reduction hubs 4WD	●	●					4-23
	39	Front wheels 2WD				●			4-23
	40	Front axle swivel bearings 4WD				●			4-23
	41	Oil bath air cleaner						●	4-24
Every 600 hours	42	Fuel sedimenter						●	4-24
Every 900 hours	43	Engine valves	●				●		4-24
Every 1200 hours or annually	44	Cab air filter						●	4-25
	45	Dry air filter (cartridges: internal and external)						●	4-25
	46	Fuel tank			●				4-25
	47	Hydrostatic steering oil (independent tank)						●	4-26
	48	Drive shaft sleeve for 4WD front axle connection	●					●	4-26
Every 1200 hours or every 2 years	49	Injectors	●				●		4-27
	50	Front axle housing oil, 4WD						●	4-27
	51	Front axle final drive hubs oil, 4WD						●	4-27
	52	Engine cooling system			●			●	4-28
	53	Transmission and hydraulic oil						●	4-30
	54	Final reduction oil						●	4-30
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ENGINE SPECIFICATION

Model	TD 60D	TD 70D	TD 80D	TD 90D	TD 95D
Engine type	IVECO or TTF				
	8035.05D.939	8035.25C.939	8045.05R.939	8045.25.939	8045.25L.939
BOSCH Injection pump	4-stroke diesel, direct injection				
- for IVECO engine	L976	L977	L985	L982	L952
- for TTF engine	L-1068-1	L-1068-2	L-1068-3	L-1068-4	L-1068
Naturally aspirated	YES	NO	YES	NO	
Turbocharged	NO	MITSUBISHI -GARRET	NO	MITSUBISHI-GARRET	
Number of cylinders	3		4		
Bore and stroke mm (in)	104 x 115 (4.1 x 4.5)	104 x 115 (4.1 x 4.5)	104 x 115 (4.1 x 4.5)	104 x 115 (4.1 x 4.5)	104 x 115 (4.1 x 4.5)
Total displacement ... cm^3 (cubic in)	2931 178.85	2931 178.85	3908 238.47	3908 238.47	3908 238.47
Compression ratio	18±0.5:1				
Engine max. power 2000/25 EC IVECO:					
kW/rev/min	43.4/2500	50,7/2500	58.8/2500	65.5/2500	69.1/2500
HP(CV)/rev/min	59.0/2500	69.0/2500	80.0/2500	89.0/2500	94.0/2500
Engine max. power ECE R120 (ISO 14396) TTF:					
kW/rev/min	43.5/2500	50.7/2500	58.8/2500	65.5/2500	72.0/2500
HP(CV)/rev/min	59.0/2500	69.0/2500	80.0/2500	89.0/2500	98.0/2500
Maximum torque Nm / rev/min					
IVECO:	206 / 1500	255 / 1500	274 / 1500	317 / 1500	346 / 1500
TTF:	205 / 1500	260 / 1500	270 / 1500	340 / 1500	360 / 1500
Dynamic equalizer with counter-rotating weights	N/A		YES		

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