

308E exc

EXCAVATOR

SERVICING SCHEDULE

Date: 12-08-25
LR No: LR410
Rego: FX

VIN: FX
KMs/Hours: 3013
Service Type: 250HR

INSPECTION SCHEDULE

EVERY SERVICE

The following inspections require having the engine running or machine moving. Use of an operator and spotter may be required.

IN CAB

No.	ACTION	CHECKS	S	US	N/A	Initial
1	Inspect	Door latches & seals, smoke bomb cab (if necessary)	✓			FB
2	Inspect	Seat belt for damage, fraying & anchor bolt security	✓			FB
3	Check	Seat for correct operation, excessive movement, cover & cushion condition	✓			FB
4	Check	Windscreen & other glass in the cab for chips or cracks	✓			FB
5	Check	Operation of window winders & door handles	✓			FB
6	Check	Pedal rubbers are on & in good condition	✓			FB
7	Check	For breakdown triangles, condition & complete set	✓			FB
8	Check	For first aid kit, in date & complete	✓			FB
9	Check	Operation of ignition & security of key, instrument cluster, warning alarms, warning indicator lights & horn	✓			FB
10	Check	Park lights, headlights, spot lights, indicators, brake lights, internal cab light, reverse camera & rotating beacon	✓			FB
11	Check	Operation of AM / FM radio & UHF radio	✓			FB
12	Check	Operation of horn	✓			FB
13	Check	Operation of E-Stops	✓			FB
14	Check	Wipers & Washers	✓			FB
15	Check	OFire extinguisher for safety ties, gauge in green, rotate a couple of times & tap bottom to release sediment	✓			FB
No.	ACTION	CHECKS	S	US	N/A	Initial
16	Check	For excessive exhaust smoke or abnormal noises / vibrations	✓			FB
17	Check	Operation of Air Conditioner	✓			FB
18	Test	Operation of joystick control levers (lock to lock)	✓			FB
19	Test	Operation of slew brake is within OEM Specs	✓			FB
20	Test	Operation of track drive controls for even operation	✓			FB
21	Test	Operation of Blade controls	✓			FB
22	Check	Operation, wear, excessive movement & oil leaks from track Rollers	✓			FB
23	Test	Operator seat belt & safety arms lock out is operating correctly	✓			FB
24	Check	Hydraulic lock out is operating correctly & the override switch	✓			FB
25	Check	Operation of bucket quick hitch, lubricate	✓			FB
26	Check	Bucket, Lift arm & Stick pivot pins & bushes for excessive movement, grease penetration	✓			FB
27	Check	Cutting edges, edge cutters, bucket teeth goanna's & heel plates for excessive wear & security	✓			FB
28	Check	Emergency equipment lowering control	✓			FB

29	Check	Using a scan tool check for faults				
30	Check	DPF / DET Status & conduct manual burn if required				

Park on level ground, Isolate generator, Fit body prop, Relieve all pressures, Start from front right hand side and work clockwise around generator checking each item below

No.	ACTION	CHECKS	S	US	N/A	Initial
31	Check	Cab mounts, operation of bonnet tilt & locking mechanism's	✓			FB
32	Inspect	ROP's for security & integrity	✓			
33	Check	Bonnet mounts, operation of bonnet tilt struts / locking mechanism	✓			
34	Check	For external body damage / security of bonnet to main body, Check hinged doors / panels / sliding doors for correct operation & locking	✓			
35	Check	Rear vision mirrors & brackets for condition & operation	✓			
36	Check	Steps & handrails for security	✓			
37	Check	Guarding for condition & security	✓			
38	Inspect	Remove track drive motor covers, clean out dirt build up & inspect	✓			
39	Check	For metal fatigue in chassis, cross members & tow hitch	✓			
40	Check	All hydraulic hoses for signs of rubbing, leaks & deterioration	✓			
41	Check/ Clean	Battery box, mountings, signs of corrosion, terminal security & condition, cables & electrolyte levels	✓			
42	Check	For build up dirt / debris under cab, engine bay, hydraulic compartment, wash out if necessary	✓			
43	Inspect	All grease lines & fittings for damage / security & grease penetration	✓			
44	Inspect	Electrical harness / junction boxes for chaffing & dust sealing	✓			
45	Inspect	Tow hitch / pin	✓			
46	Check	Hazard warning / component location Decals	✓			FB

UNDER BONNET / ENGINE BAY

No.	ACTION	CHECKS	S	US	N/A	Initial
47	Inspect	Exhaust manifolds / covers, bolts, turbo, piping for any leaks & security	✓			FB
48	Inspect/ Tighten	Air induction boxes / hoses / piping / fittings for damage, clamps for tension & presence of dusting	✓			
49	Inspect	Fuel pump / pipes / hoses / clamps, for leakage & movement	✓			
50	Inspect	Engine for oil leaks & damaged hoses	✓			
51	Check	Engine mounts for wear & security	✓			
52	Check	Water pump "tell tail" for leakage or blockage & check bearing for movement	✓			
53	Check	Alternator pulley, mountings, bearings & idler pulleys	✓			
54	Inspect	Air Conditioner compressor pulley, mountings, hose connections for leakage & movement	✓			
55	Inspect	Fan, alternator, air conditioner belts for cracking / unusual wear	✓			
56	Inspect	Fan blades for cracks, wear, damage & security	✓			
57	Check	Radiator mountings, coolant leakage & air flow through radiator (clean if required)	✓			
58	Check	Coolant, heater hoses, clamps for condition, leaks & tension	✓			
59	Check	Electrical harnesses / connections for damage & security	✓			
60	Inspect	Engine bay is free of combustible materials i.e. leaves, sticks & rags for prevention of fire hazards	✓			
61	Clean	Vibration dampener, idler, A/C & alternator pulleys for dust build up	✓			FB

POWER TRAIN

No.	ACTION	CHECKS	S	US	N/A	Initial
62	Inspect	Hydraulic pump pipes, hoses, clamps for tension & oil leaks	✓			FB
63	Inspect	Hydraulic pump drive & pump mountings for security & oil leaks	✓			
64	Inspect	Track drive sprocket, measure the wear according to (OEM Spec's), re-locate if required	✓			
65	Inspect	Track plates for wear, tightness, missing bolts and bent plates	✓			
66	Inspect	Track chains for excessive wear, inspect the condition of the track pins diameter & shape	✓			FB

67	Inspect	Drive line wear sleeve for damage, position & condition of lines, move or replace if necessary	✓				
68	Inspect/ Adjust	The condition of the Track, the adjustment height of the track & adjust if necessary (Refer to OEM for specs & correct method to inspect the track sag according to the various track setups)	✓				
69	Measure	LHS Track: mm RHS Track: mm	✓				
70	Inspect	All grease lines for damage / security & grease penetration	✓				
71	Inspect	Electrical harnesses / junction boxes for chaffing & dust sealing	✓				

1000 HOUR SERVICE

Check / Change or Adjust

No.	ACTION	CHECKS						S	US	N/A	Initial
72		Cylinder 1	Cylinder 2	Cylinder 3	Cylinder 4	Cylinder 5	Cylinder 6				
	Intake										
	Exhaust										
73	Check	Glow Plugs for power & conduct a continuity test on each plug									
74	Check	Using a Coolant Test Strip & compare to chart, change if necessary									

2000 HOUR SERVICE

75	Measure	Swing Bearing deflection with a dial indicator in 4 separate places									
		0'	90'	180'	270'						

LUBRICATION SCHEDULE

EVERY SERVICE

1	Lubricate	All grease points:			
---	-----------	--------------------	--	--	--

2	SOS	Engine Oil:			
---	-----	-------------	--	--	--

500 Hour Service

3	SOS	Hydraulic Oil:		Transmission:	
		Front Differential:		Rear Differential:	
		P1 Final Drive:		P2 Final Drive:	
3	SOS	P3 Final Drive:		P4 Final Drive:	
4	Change	Engine Oil:			
5	Change Filters	Engine Oil (Cut/Inspect):		Primary Air Filter:	
		Fuel / Water Separator:		Secondary Fuel:	
6	Inspect / Change	Secondary Air Filters:		Signs of Dusting Y / N:	
7	Inspect / Clean	Air Cleaner Dust Bowl:		Fuel Tank Strainer:	
8	Inspect / Clean / Change	Engine Breather:			
9	Check / Top up	Coolant:			

1000 Hour Service

10	Change Filters	Hydraulic Oil:		Transmission Oil:	
----	----------------	----------------	--	-------------------	--

2000 Hour Service

11	SOS	Coolant:			
12	Change	Front Differential Oil:		Rear Differential Oil:	
		P1 Final Drive Oil:		P2 Final Drive Oil:	
		P3 Final Drive Oil:		P4 Final Drive Oil:	
13	Change Filters	Hydraulic Tank Breather:		Fuel Tank Cap Filter:	
		(OCV) Open Crankcase Filter:			

3000 Hour Service

14	Change	Hydraulic Oil on SOS:			
----	--------	-----------------------	--	--	--

5000 Hour Service

15	Change	DEF Filter:		DEF Injector:	
		ARD Spark Plug:			
16	Clean	DPF:			

AFTER EVERY SERVICE

17

Check

All fluid levels, Correct Running operation of machine

DEFECTS / COMENTS & PARTS TO BE ORDERED**SERVICE COMPLETION DECLARATION**

On signing / initialling this service report you deem that this service has been thoroughly completed. The equipment is in a safe and operational condition at the time of inspection / service.

*jop*_____
Mechanic / Supervisor Signature*iake van puyenbroek*_____
Name of Mechanic / Supervisor*17.2.25*_____
Service Completion Date

EXCAVATOR

SERVICING SCHEDULE

Date: 3/03/2025
LR No: LR410
Rego: _____

VIN: FTX11863
KMs/Hours: 2701
Service Type: 250Hr

INSPECTION SCHEDULE

EVERY SERVICE

The following inspections require having the engine running or machine moving. Use of an operator and spotter may be required.

IN CAB

No.	ACTION	CHECKS	S	US	N/A	Initial
1	Inspect	Door latches & seals, smoke bomb cab (if necessary)	X			FB
2	Inspect	Seat belt for damage, fraying & anchor bolt security	X			FB
3	Check	Seat for correct operation, excessive movement, cover & cushion condition	X			FB
4	Check	Windscreen & other glass in the cab for chips or cracks	X			FB
5	Check	Operation of window winders & door handles	X			FB
6	Check	Pedal rubbers are on & in good condition	X			FB
7	Check	For breakdown triangles, condition & complete set	X			FB
8	Check	For first aid kit, in date & complete	X			FB
9	Check	Operation of ignition & security of key, instrument cluster, warning alarms, warning indicator lights & horn	X			FB
10	Check	Park lights, headlights, spot lights, indicators, brake lights, internal cab light, reverse camera & rotating beacon	X			FB
11	Check	Operation of AM / FM radio & UHF radio	X			FB
12	Check	Operation of horn	X			FB
13	Check	Operation of E-Stops	X			FB
14	Check	Wipers & Washers	X			FB
15	Check	OFire extinguisher for safety ties, gauge in green, rotate a couple of times & tap bottom to release sediment	X			FB

RUNNING CHECKS

No.	ACTION	CHECKS	S	US	N/A	Initial
16	Check	For excessive exhaust smoke or abnormal noises / vibrations	X			FB
17	Check	Operation of Air Conditioner	X			FB
18	Test	Operation of joystick control levers (lock to lock)	X			FB
19	Test	Operation of slew brake is within OEM Specs	X			FB
20	Test	Operation of track drive controls for even operation	X			FB
21	Test	Operation of Blade controls	X			FB
22	Check	Operation, wear, excessive movement & oil leaks from track Rollers	X			FB
23	Test	Operator seat belt & safety arms lock out is operating correctly	X			FB
24	Check	Hydraulic lock out is operating correctly & the override switch	X			FB
25	Check	Operation of bucket quick hitch, lubricate	X			FB
26	Check	Bucket, Lift arm & Stick pivot pins & bushes for excessive movement, grease penetration	X			FB
27	Check	Cutting edges, edge cutters, bucket teeth goanna's & heel plates for excessive wear & security	X			FB
28	Check	Emergency equipment lowering control	X			FB
29	Check	Using a scan tool check for faults	X			FB
30	Check	DPF / DET Status & conduct manual burn if required			X	FB

FRAME & BODY						
Park on level ground, Isolate generator, Fit body prop, Relieve all pressures, Start from front right hand side and work clockwise around generator checking each item below						
No.	ACTION	CHECKS	S	US	N/A	Initial
31	Check	Cab mounts, operation of bonnet tilt & locking mechanism's	X			FB
32	Inspect	ROP's for security & integrity	X			FB
33	Check	Bonnet mounts, operation of bonnet tilt struts / locking mechanism	X			FB
34	Check	For external body damage / security of bonnet to main body, Check hinged doors / panels / sliding doors for correct operation & locking	X			FB
35	Check	Rear vision mirrors & brackets for condition & operation	X			FB
36	Check	Steps & handrails for security	X			FB
37	Check	Guarding for condition & security	X			FB
38	Inspect	Remove track drive motor covers, clean out dirt build up & inspect	X			FB
39	Check	For metal fatigue in chassis, cross members & tow hitch	X			FB
40	Check	All hydraulic hoses for signs of rubbing, leaks & deterioration	X			FB
41	Check/ Clean	Battery box, mountings, signs of corrosion, terminal security & condition, cables & electrolyte levels	X			FB
42	Check	For build up dirt / debris under cab, engine bay, hydraulic compartment, wash out if necessary	X			FB
43	Inspect	All grease lines & fittings for damage / security & grease penetration	X			FB
44	Inspect	Electrical harness / junction boxes for chaffing & dust sealing	X			FB
45	Inspect	Tow hitch / pin	X			FB
46	Check	Hazard warning / component location Decals	X			FB
UNDER BONNET / ENGINE BAY						
No.	ACTION	CHECKS	S	US	N/A	Initial
47	Inspect	Exhaust manifolds / covers, bolts, turbo, piping for any leaks & security	X			FB
48	Inspect/ Tighten	Air induction boxes / hoses / piping / fittings for damage, clamps for tension & presence of dusting	X			FB
49	Inspect	Fuel pump / pipes / hoses / clamps, for leakage & movement	X			FB
50	Inspect	Engine for oil leaks & damaged hoses	X			FB
51	Check	Engine mounts for wear & security	X			FB
52	Check	Water pump "tell tail" for leakage or blockage & check bearing for movement	X			FB
53	Check	Alternator pulley, mountings, bearings & idler pulleys	X			FB
54	Inspect	Air Conditioner compressor pulley, mountings, hose connections for leakage & movement	X			FB
55	Inspect	Fan, alternator, air conditioner belts for cracking / unusual wear	X			FB
56	Inspect	Fan blades for cracks, wear, damage & security	X			FB
57	Check	Radiator mountings, coolant leakage & air flow through radiator (clean if required)	X			FB
58	Check	Coolant, heater hoses, clamps for condition, leaks & tension	X			FB
59	Check	Electrical harnesses / connections for damage & security	X			FB
60	Inspect	Engine bay is free of combustible materials i.e. leaves, sticks & rags for prevention of fire hazards	X			FB
61	Clean	Vibration dampener, idler, A/C & alternator pulleys for dust build up	X			FB
POWER TRAIN						
No.	ACTION	CHECKS	S	US	N/A	Initial
62	Inspect	Hydraulic pump pipes, hoses, clamps for tension & oil leaks	X			FB
63	Inspect	Hydraulic pump drive & pump mountings for security & oil leaks	X			FB
64	Inspect	Track drive sprocket, measure the wear according to (OEM Spec's), re-locate if required	X			FB
65	Inspect	Track plates for wear, tightness, missing bolts and bent plates	X			FB
66	Inspect	Track chains for excessive wear, inspect the condition of the track pins diameter & shape	X			FB
67	Inspect	Drive line wear sleeve for damage, position & condition of lines, move or replace if necessary	X			FB

68	Inspect/ Adjust	The condition of the Track, the adjustment height of the track & adjust if necessary (Refer to OEM for specs & correct method to inspect the track sag according to the various track setups)						X			FB
69	Measure	LHS Track: mm			RHS Track: mm					X	FB
70	Inspect	All grease lines for damage / security & grease penetration						X			FB
71	Inspect	Electrical harnesses / junction boxes for chaffing & dust sealing						X			FB
1000 HOUR SERVICE											
Check / Change or Adjust											
No.	ACTION	CHECKS						S	US	N/A	Initial
72		Cylinder 1	Cylinder 2	Cylinder 3	Cylinder 4	Cylinder 5	Cylinder 6				
	Intake										
	Exhaust										
73	Check	Glow Plugs for power & conduct a continuity test on each plug									
74	Check	Using a Coolant Test Strip & compare to chart, change if necessary									
2000 HOUR SERVICE											
75	Measure	Swing Bearing deflection with a dial indicator in 4 separate places									
		0'	90'	180'	270'						
LUBRICATION SHEDULE											
EVERY SERVICE											
1	Lubricate	All grease points:									
250 HOUR SERVICE											
2	SOS	Engine Oil:						FB			
500 Hour Service											
3	SOS	Hydraulic Oil:				FB		Transmission:			
		Front Differential:						Rear Differential:			
		P1 Final Drive:						P2 Final Drive:			
3	SOS	P3 Final Drive:						P4 Final Drive:			
4	Change	Engine Oil:				FB					
5	Change Filters	Engine Oil (Cut/Inspect):				FB		Primary Air Filter:		FB	
		Fuel / Water Separator:				FB		Secondary Fuel:		FB	
6	Inspect / Change	Secondary Air Filters:				FB		Signs of Dusting Y / N:			
7	Inspect / Clean	Air Cleaner Dust Bowl:				FB		Fuel Tank Strainer:			
8	Inspect / Clean / Change	Engine Breather:				FB					
9	Check / Top up	Coolant:				FB					
1000 Hour Service											
10	Change Filters	Hydraulic Oil:						Transmission Oil:			
2000 Hour Service											
11	SOS	Coolant:									
12	Change	Front Differential Oil:						Rear Differential Oil:			
		P1 Final Drive Oil:						P2 Final Drive Oil:			
		P3 Final Drive Oil:						P4 Final Drive Oil:			
13	Change Filters	Hydraulic Tank Breather:						Fuel Tank Cap Filter:			
		(OCV) Open Crankcase Filter:									
3000 Hour Service											
14	Change	Hydraulic Oil on SOS:									
5000 Hour Service											
15	Change	DEF Filter:						DEF Injector:			
		ARD Spark Plug:									
16	Clean	DPF:									

AFTER EVERY SERVICE

Check

All fluid levels, Correct Running operation of machine

[illegible][illegible]

SERVICE COMPLETION DECLARATION

On signing / initialling this service report you deem that this service has been thoroughly completed. The equipment is in a safe and operational condition at the time of inspection / service.

FRANZ BUTRON

FRANZ BUTRON 03.03.25

Mechanic / Supervisor Signature

Mechanic / Supervisor Signature	Service Completion Date
---------------------------------	-------------------------

FRANZ BUTRON

Name of Mechanic / Supervisor