

SANY

SY80U

EXCAVATOR

QUICK START GUIDE



SY80U QUICK START GUIDE

GENERAL GUIDANCE

This quick start guide and its contents have been prepared by SANY and, while deemed to be accurate, are based on technical information provided for equipment designed, manufactured, and tested by SANY. This guide does not replace the operator manual or any formal training.

It is the responsibility of the owner, user, properly trained operator, and lessor to be knowledgeable of, and comply with, all industry standards, government regulations, workplace rules, and other directives that may govern and/or apply to this equipment as well as its environment/conditions of use.

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WARRANTY INFORMATION

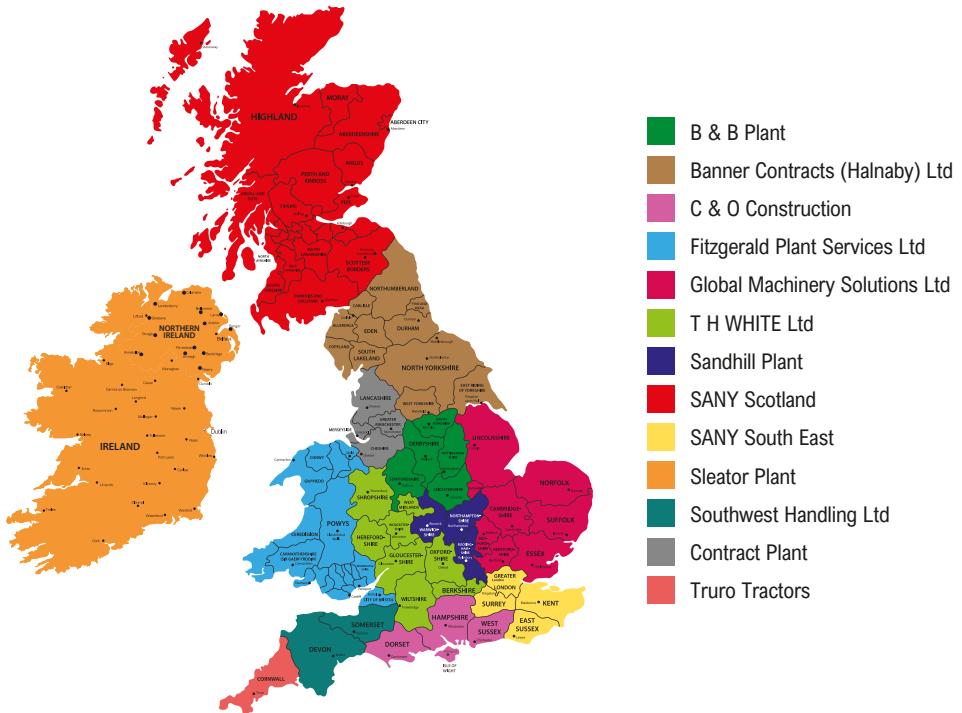
- ➔ 5 years / 5000-hours warranty *T&Cs apply
- ➔ Genuine SANY parts must be used to fulfil Terms & Conditions of the warranty

SERVICE SCHEDULE

- ➔ Daily checks
- ➔ Servicing every 500 hours / 1 year (whichever comes first)

SPARE PARTS

- Spare parts to be purchased through the SANY authorised dealer network



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SY80U DISPLAY



1. Date and time
2. Telematics signal
3. Radio volume
4. Work mode and throttle selection
5. Attachment selection
6. Regeneration light
7. Exhaust temperature light
8. Charge indicator
9. Water in fuel warning
10. Engine oil pressure
11. Emergency stop activated
12. Hoisting limit alarm
13. Cabin ventilation ON/OFF
14. Coolant temperature
15. Current shift working hours
16. Menu
17. Radio
18. Travel speed selection
19. Engine auto idle ON/OFF
20. DTC, quick access menu
21. Total machine working hours
22. Fuel gauge
23. Work mode selection
24. Air conditioning ON/OFF
25. Cabin fan speed control
26. Cabin temperature control
27. Fuel level low warning
28. Coolant temperature warning
29. Prestart heating
30. Air filter blockage light
31. Engine management light
32. Regeneration inhibited
33. Regeneration active
34. Rear facing camera
35. Throttle position

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MENU

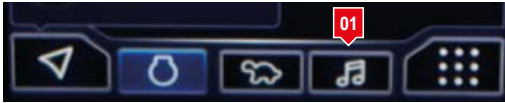


1. Menu access
2. Auto shut down timer
3. Diagnostic trouble codes
4. Maintenance indicator
5. Screen brightness

To access this menu press button 1 in the lower left-hand corner of the display.

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RADIO



To access the radio functions of the machine press button 1.



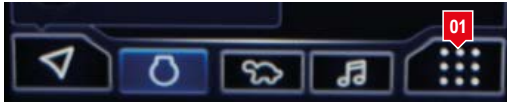
1. Radio
2. Bluetooth
3. USB
4. Station selection
5. Preset stations
6. Station list
7. Search
8. Play/pause
9. AM selection
10. FM selection
11. Home
12. Volume
13. Return

To select stations use the arrows in area 4, to scroll to the desired station.

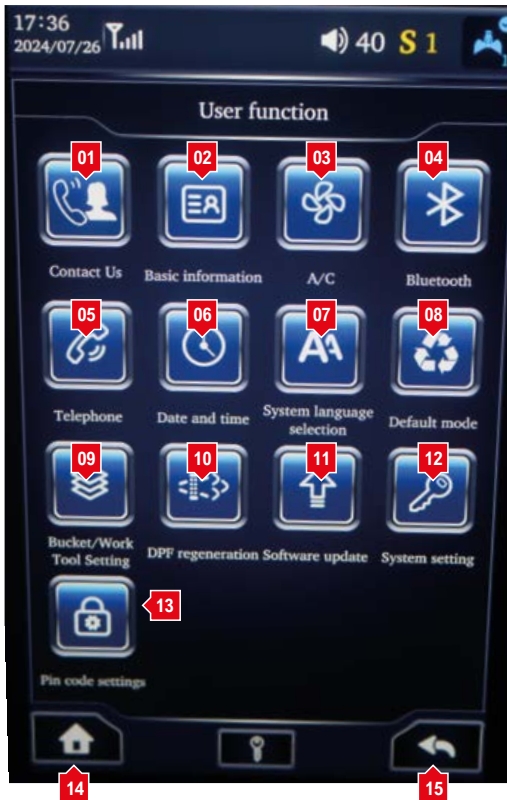
To save a station as a preset, press and hold any of the preset buttons to save to that button.

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MAIN MENU



To access the main menu, press button 1 in the lower righthand corner of the display home page.



1. Contact
2. Basic machine information
3. Air conditioning/ heater control
4. Bluetooth connection
5. Telephone connection
6. Date and time
7. Language selection
8. Work mode default selection
9. Attachment select and setup
10. Regeneration
11. Software update
12. Service menu
13. Immobiliser
14. Home
15. Return

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AIR CONDITIONING CONTROL

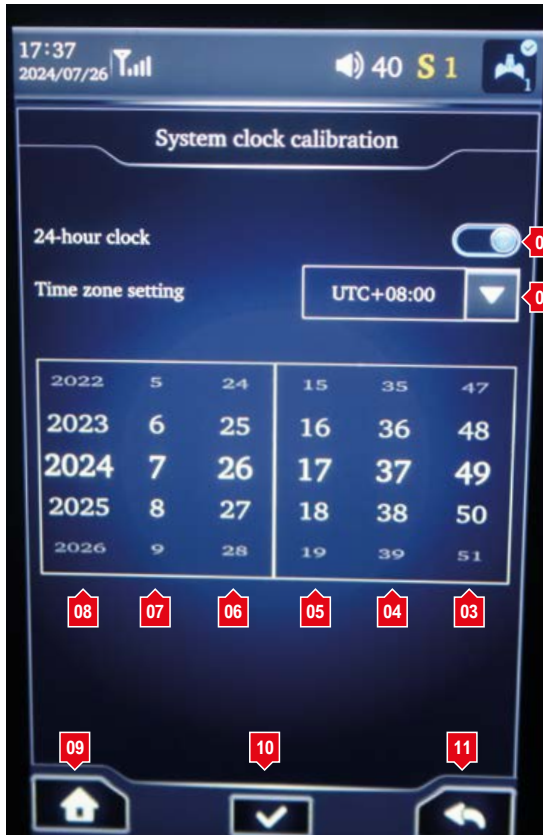


To access the A/C menu press button number 3 on the main menu (page 6).

1. Temperature selection
2. Fan speed selection
3. Fan speed increase and decrease
4. Heating and cooling system power on/ off
5. Temperature increase / decrease
6. Celsius / Fahrenheit
7. Air conditioning ON/OFF

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DATE AND TIME



To access date and time settings, press button 6 (page 6).

1. 12 / 24-hour selection
2. Time zone selection
3. Seconds adjustment
4. Minute adjustment
5. Hour adjustment
6. Day adjustment
7. Month adjustment
8. Year adjustment
9. Home
10. Save any changes
11. Return

To adjust any time or date settings, scroll required item to be changed until correct or desired setting is found. Press button 10 to save any changes made.

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LANGUAGE SELECTION



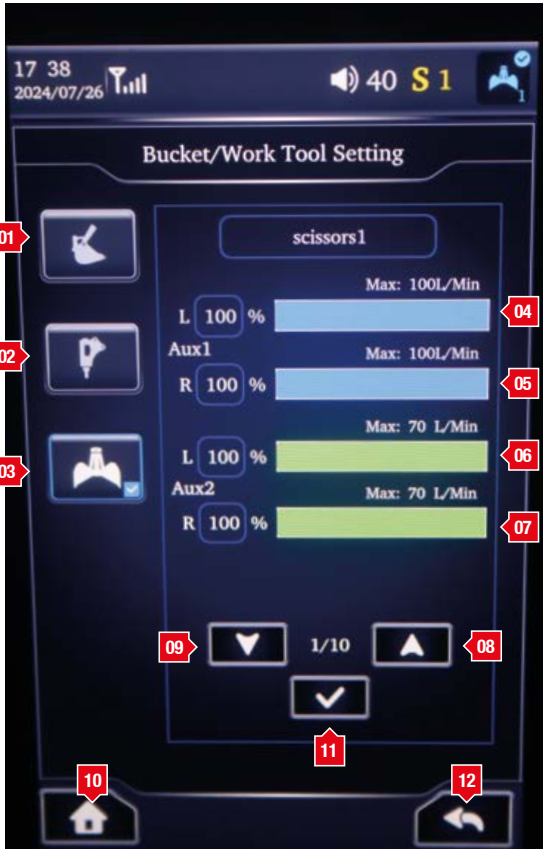
To access the language selection press button 7 (page 6).

Once your required language has been selected, press the save button 2.

1. Home
2. Save
3. Return

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TOOL SELECTION



To access the tool menu press button 9 (page 6).

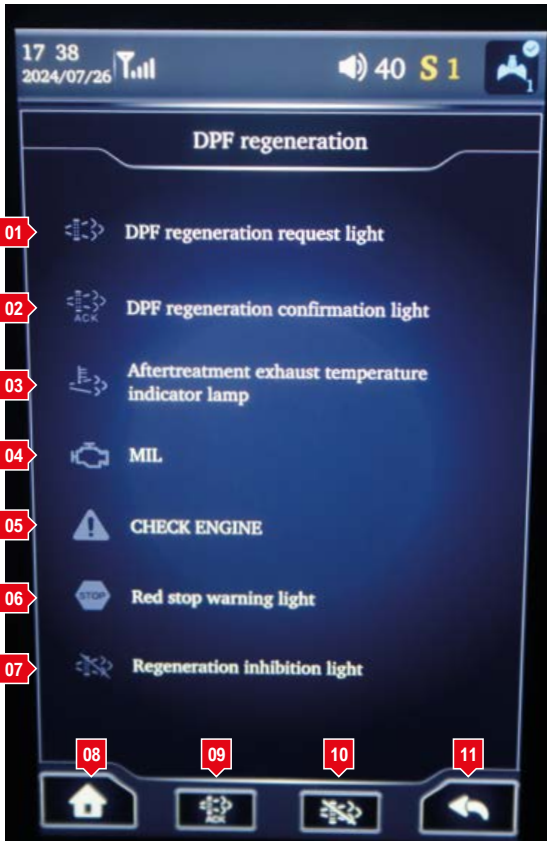
1. Bucket mode
2. Hammer mode
(Single acting functions)
3. Selector grab
(Double acting functions)
4. AUX 1 left hand pipe
flow adjustment
5. AUX 1 right hand pipe
flow adjustment
6. AUX 2 left hand pipe
flow adjustment
7. AUX 2 right hand pipe
flow adjustment
8. Preset selection increase
9. Preset selection decrease
0. Home
1. Save selection
2. Return

To select a tool, select the required tool, hammer (single acting) or grab (double acting) and set the required flow for the attachment.*

Once the required flows have been set press button 11 to save the setting.

PLEASE NOTE THAT ANY ATTACHMENT THAT IS TO BE FITTED TO A MACHINE NEEDS TO BE VERIFIED BY AN ENGINEER WITH A FLOW METER.

REGENERATION



To access the regeneration page press button 10 on the main menu (page 6).

1. DPF regeneration request
2. DPF regeneration confirmed
3. Exhaust temperature
4. Engine management light
5. Check engine light
6. Red stop lamp
7. Regeneration inhibited lamp
8. Home
9. Acknowledged regen
10. Regen inhibit
11. Return

SY80U QUICK START GUIDE

RIGHT HAND ARM REST



1. Ignition / engine start
2. 12v power outlet
3. USB charging point
4. Home button
5. Radio mute
6. Air conditioning / heating short cut
7. Fan speed short cut
8. Travel speed
9. Engine eco mode
10. Quick hitch activation
11. Work lights
12. Windscreen wiper
13. Windscreen wash
14. Regeneration activate
15. Regeneration inhibit
16. Beacon ON/OFF
17. Travel alarm mute

To start the machine, press the ignition button 1. The display will power on. Once the display is active, press and hold the engine start button 1 for 5 seconds and the machine will start.

SY80U QUICK START GUIDE**LEFT HAND ARM REST SOFT KEYS**

1. Hoisting limit alarm activate
2. Mute
3. Quick hitch menu
4. Constant auxiliary flow
5. Beacon ON/OFF
6. Attachment selection menu

EMERGENCY STOP



1. Emergency shut down button

To activate the emergency stop, press the red mushroom top in. This will lock into place shutting down the engine.

To reset the emergency stop, switch the ignition off and wait until the display shuts down.

Twist the emergency switch anticlockwise. The switch will 'pop' out and you can then restart the machine.

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REAR RIGHT HAND ENGINE BAY



1. Engine coolant
2. Engine air filter
3. Hydraulic level gauge
4. Battery isolator
5. Screen wash bottle
6. Cooling pack

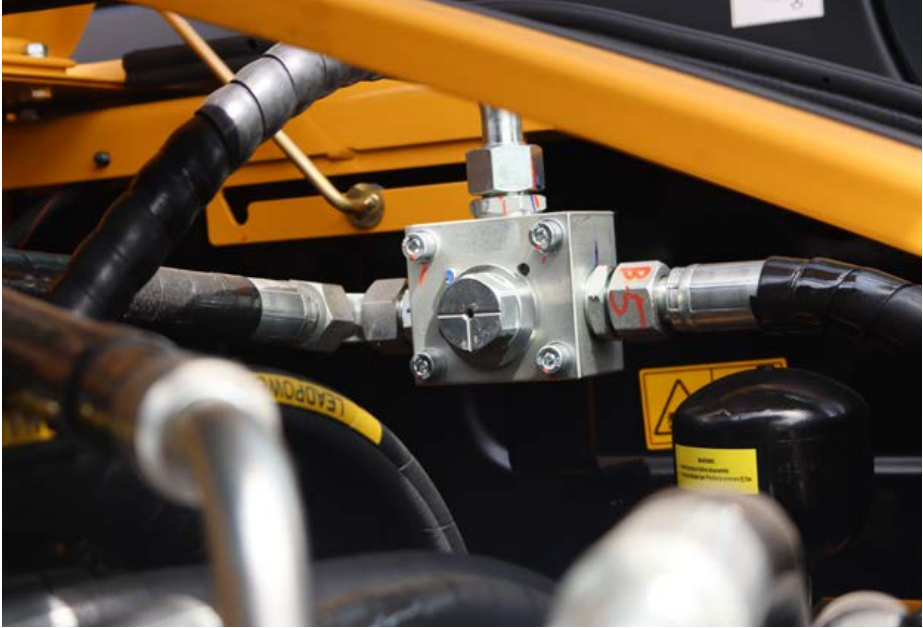
ENGINE BAY



1. Exhaust
2. Fuel filter and water trap
3. Engine oil dipstick
4. Engine oil filling point*
5. Engine coolant reservoir**

*Only SANY approved engine oil to be used in this machine.

**Only SANY approved engine coolant to be used in this machine.

SY80U QUICK START GUIDE**2 WAY CHANGE OVER VALVE**

Located in the right-hand access panel next to the cab.

This is used to give you a pressure free return for attachments requiring one.

SY80U QUICK START GUIDE
RIGHT HAND ACCESS PANELS


1. 2 way change over valve
2. Hydraulic filter
3. Refuelling pump
4. Fuel tank*

*White Diesel ONLY to be used in this machine.

QUICK HITCH GUIDE

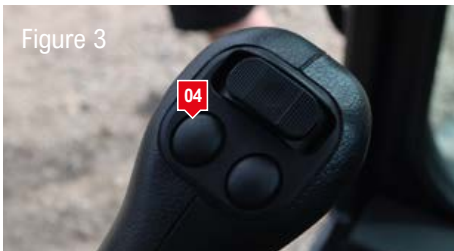
Figure 1



Figure 2



Figure 3



To remove or change attachments:

- Press button 1 (Figure 1) to access the quick hitch menu.
- Curl the attachment right into the machine to the stop.
- Press button 2 to activate the hitch. (Figure 2)
- Press button 3 to prepare the hitch for unlock. (Figure 2)
- Hold the right hand control lever fully left, keeping the attachment curled into the stop.
- Press and hold the left hand button on the left hand control lever (button 4, Figure 3), this will release the hitch jaws.*
- Once the attachment has been removed, if fitting another attachment, keep holding button 4 to keep the hitch unlocked.
- When the next attachment is picked up release button 4 and the hitch will automatically lock.
- Deselect buttons 3 and 2 (Figure 2)
- Return to the home screen or tool selection if the new attachment requires hydraulic connections. (Ref page 10)

*ONLY UNLOCK THE HITCH WHEN IN A SAFE PLACE TO DO SO WITH PLENTY OF ROOM AND NO BYSTANDERS IN THE AREA OF THE MACHINE.

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FORGING THE FUTURE TOGETHER

Not all products are available in all markets. As part of our continuous improvement process, we reserve the right to modify specifications and designs without giving prior notice. Machines shown may feature additional options other than the standard machine specification.

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