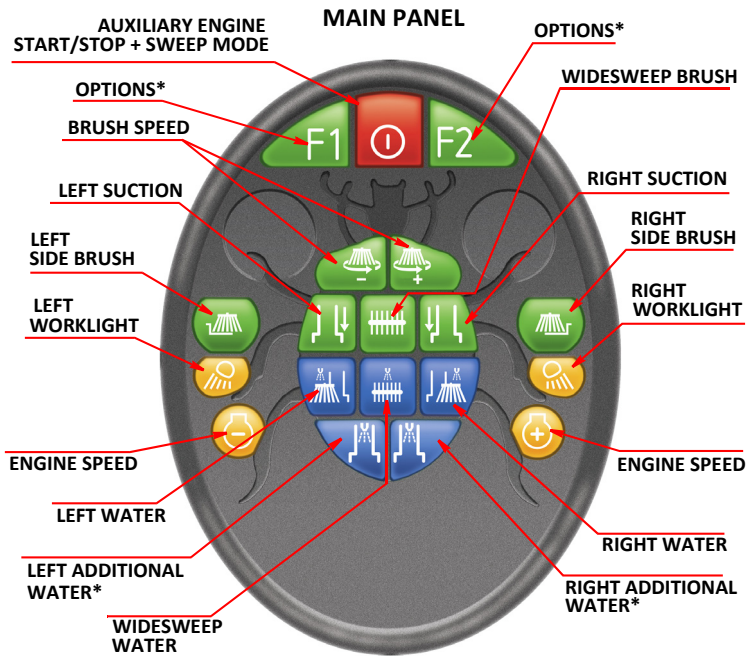


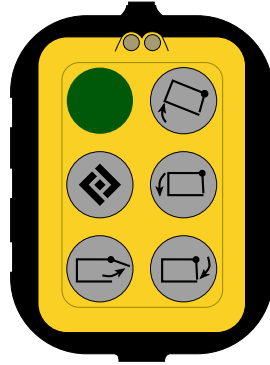
SCARAB MISTRAL - Abbreviated Operating Instructions



***OPTIONS**



REMOTE CONTROL



- = SAFETY INTERLOCK
- = OPTION
- = RAISE HOPPER
- = LOWER HOPPER
- = OPEN DOOR
- = CLOSE DOOR

Press and hold down the Safety Interlock and the appropriate control switch.

! For safety reasons only operate the Remote Control controls from outside the vehicle, from a vantage point that affords a good view of the sweeper and its surroundings.

C Before closing the rear door, ensure adequate clearance and seal cleanliness.

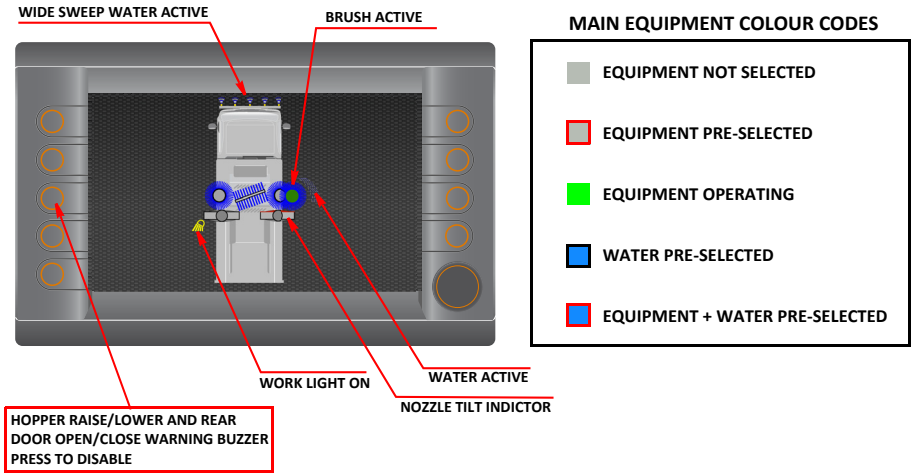
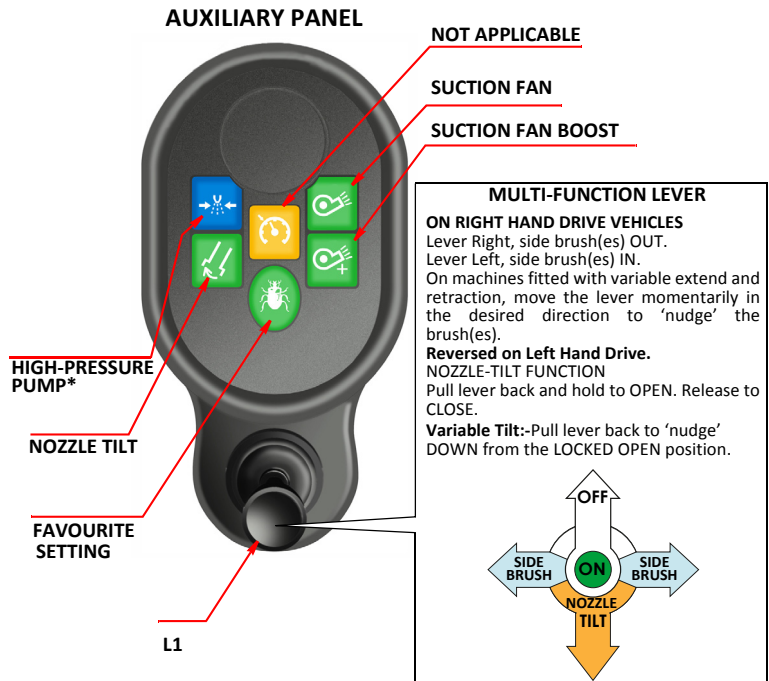
SWEEP MODE

VEHICLE ENGINE RUNNING. AIR TANKS FULL.

- Vehicle stopped and in Neutral gear. Hand brake ON. (L1) OFF.
 - Auxiliary Engine switch ON (Main Panel). Engine speed will change to 1100rpm.
 - Clutch de-pressed, F1 switch ON. symbol will change to the symbol on the LCD screen. If the symbol flashes and a buzzer sounds, press the F1 switch. Drive the vehicle slightly forward and repeat step 3.
 - Select required sweeping equipment (Main Panel). Fan ON. (L1) ON.
 - Engage a suitable gear. Hand brake OFF. Clutch released, commence sweeping.
- i** All sweeping gear is stopped and raised automatically when REVERSE is selected. Reduction gearbox will disengage. Sweeping equipment and reduction gearbox will re-engage, when forward is selected.

LEAVING SWEEP MODE / DISENGAGING REDUCTION DRIVE

- Vehicle stopped and in Neutral gear. Hand brake ON.
- (L1) OFF. Fan OFF (Main Panel). If reduction gearbox fitted, Step 3. If it has not, Step 4.
- Clutch de-pressed, F1 switch OFF. symbol will change to the symbol on the LCD screen. Clutch released.
- If the symbol flashes and a buzzer sounds, press the F1 switch. Drive the vehicle slightly forward and repeat step 3.
- Auxiliary Engine switch OFF (Main Panel).
- Before stopping the auxiliary engine, allow it to idle for at least 2 minutes to allow the turbo-charger to cool down.



i This document is designed as a quick reference guide, to allow the operator to drive the vehicle in Normal or Reduction Gearbox Mode and operate the basic controls. It does not constitute the full operating instructions.

PLEASE REFER TO REVERSE FOR HEALTH & SAFETY ADVICE

Health and Safety advice



- Only trained operatives should be allowed to drive or work on this machine.
- Never work under a raised hopper or rear door without the appropriate safety prop in position.
- Do not drive the vehicle with the hopper raised. The red warning symbol on the LCD monitor remains illuminated until the hopper is fully down.
- Before working on the vehicle ensure that it is on firm, level ground, apply the hand brake, stop the engine and remove the ignition key.
- Before raising the hopper or opening the rear door, ensure that there is sufficient clearance and it is safe to do so.
- Before starting the auxiliary engine, ensure that all controls are switched off and the vehicle's gearbox is in neutral.
- Before driving the vehicle, ensure that all vehicle checks have been carried out and that all equipment is stowed and that brush(es) are raised.
- Do not overload the hopper.
- High pressure water can be dangerous, always wear suitable eye protection when operating the high pressure water pump nad when using the lance. Do not direct the water jet at other persons. Beware of electrical installations on public buildings and lamp posts etc. and always exercise extreme caution in public places.
- The suction fan is an extremely heavy rotating mass. Vibrations emanating from the suction fan must be investigated, the cause determined, and rectified immediately.
- When working on the suction fan. Never attempt to slow or stop the fan by using the hands or by inserting any item into the fan chamber, even at low speeds. failure to comply can result in serious injury.
- When operating the machine in any mode always be aware of objects and people in the immediate vicinity, especially at the rear of the machine when reversing.
- Whatever the situation, remember that the rules of traffic and road safety must be observed.
- While operating this machine the safety and well being of other people are the sole responsibility of the operator.

Cautions



- If the suction fan vibrates, it should be cleaned immediately (refer to the operating instructions). Prolonged vibration will result in damage to the fan, bearings and, in extreme cases, the hopper.
- In the event of a hydraulic oil leak, stop the engine and investigate.
- The high and low pressure pumps must never be permitted to run dry or the piston seals will be damaged.
- Do not direct the high-pressure jet directly at paintwork or electrical connections on the vehicle.

Routine daily maintenance

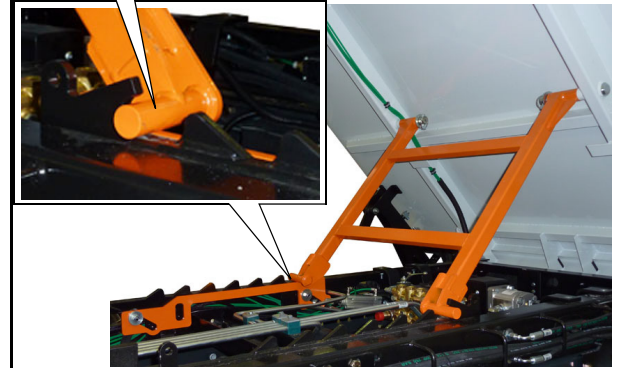
1. Check vehicle's general condition (including tyres, lights and all fluid levels) in accordance with chassis manufacturers' recommendations.
2. Check hydraulic oil level. (note: if the oil level is not maintained, the sweeping panel will automatically shut down until the oil level is correct).
3. Check condition of brushes and remove any items such as string that may be entangled.
4. Check ground clearance of suction box rubber flaps (20 mm front / 30 mm rear & sides) suction power can be lost if clearances are incorrect but it is possible to slightly vary these settings to better suit specific sweeping conditions according to operator's experience.
5. Check water spray jets for blockages.
6. Clean the oil cooler and check that cooling fan functions (note: if fitted, red light and buzzer operate when maximum temperature is reached).
7. Wash the vehicle, ensuring that the suction fan and hopper screens are cleaned.
8. Lubricate brush links, pivot points and wide sweep bearings.
9. Remove and clean the water-strainer elements.
10. Always leave the vehicle with the rear door slightly open to allow water to drain out.
11. In frosty weather, drain pumps & tank, remove water-strainer elements, switch on all water sprays and run low-pressure pump until dry.



Hydraulic oil: HPL 32 or an equivalent.
Coolant: Ethylene Glycol (Eskimo long life).
Engine oil: 15w - 40

Auto ratchet hopper safety prop

Ensure the prop is correctly positioned within the ratchet rack.



Rear door safety prop

When inserting the door prop, ensure it is correctly positioned in the locating slot.

