



Figure 8.16

2. Set the **Emergency Stop** switch **2** to on (up) (see Figure 8.16).
3. Set the **Ground/Platform Selector** switch **3** to platform (up) (see Figure 8.16).
4. Turn the key **4** (see Figure 8.16) to on do not turn the key **4** to start.

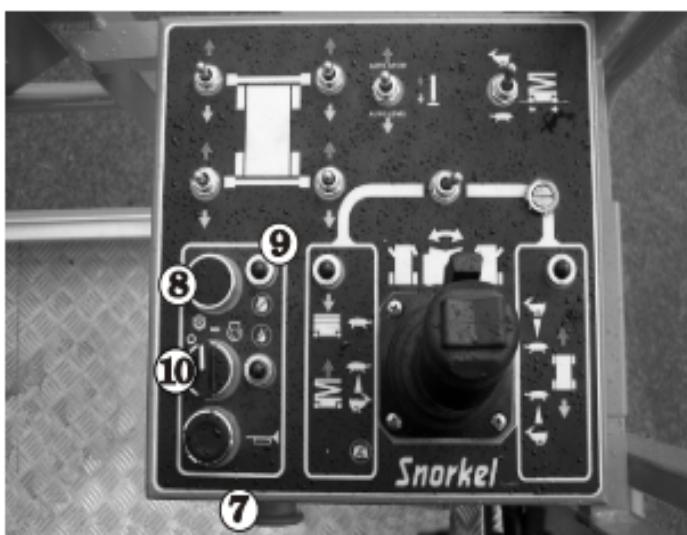


Figure 8.17

6. Turn the **Emergency Stop** switch **7** clockwise and it will pop out (on) (see Figure 8.17).
7. If the engine is at ambient temperature, momentarily press the **GLOW-PLUG** switch **8**. This action will automatically turn the glow-plugs, in the engine, on for 10 seconds. A light **9** will automatically come on to indicate that the glow-plugs are on (see Figure 8.17).
8. When the light **9** goes out, press and hold the **START** switch **10** until the engine starts or for 20 seconds, whichever comes first. When the engine starts, release the **START** switch **10** (see Figure 8.17).

If the engine does not start in 20 seconds, release the **START** switch **10** then wait 60 seconds before trying to start the engine again with the **GLOW-PLUG** **8** and **START** switches **10**.

■ Driving

1. The engine should be running. If not, start it from the platform control box as described previously.

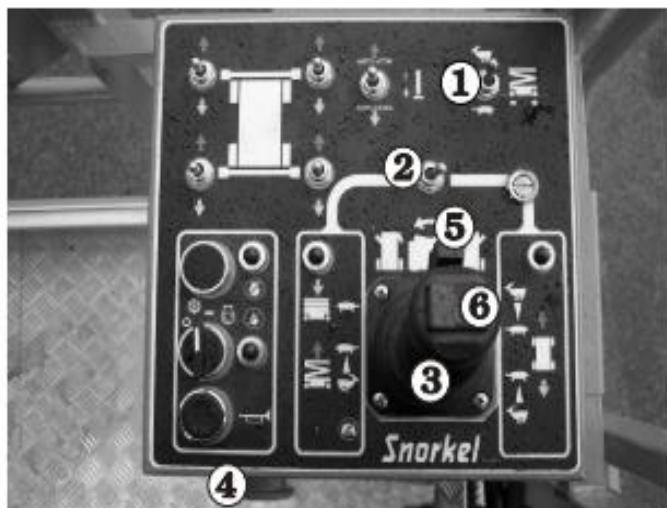


Figure 8.18

2. Set the **Speed** switch 1 to turtle (slow) (see Figure 8.18) if you are going to be driving close to other objects or need to move the S3970RT / S3370RT / S2770RT very slowly for other reasons.

NOTE

Setting the **SPEED** to rabbit doubles the travel speed. (See the Specifications chapter for speeds of different models.)

3. Set the **Lift/Drive Selector** switch 2 to drive (right) (see Figure 8.18).

▲ WARNING

The S3970RT / S3370RT / S2770RT is about to move. If you have to make an emergency stop, release the **Joystick Controller** 3 and sharply strike the **Emergency Stop** switch 4 straight in.

To make a normal stop, slowly move the **Joystick Controller** 3 to its centered neutral position then release it.

4. Squeeze and hold the **Safety Control** 5 against the **Joystick Controller** 3 (see Figure 8.18).
5. Push the **Joystick Controller** 3 (see Figure 8.18) slowly forward or pull it slowly backward, depending on which way you want to go. The further you move the joystick the faster the S3970RT / S3370RT / S2770RT moves.
6. To make a right or left turn, press and hold the **Steering rocker-switch** 6 on top of the **Joystick Controller** 3 (see Figure 8.18).

NOTE

When you release the **Steering rocker-switch** 6 the steering wheels remain pointed in the direction you left them. They do not return to straight ahead the way automobile wheels do. You will have to press the opposite side of the **Steering rocker-switch** 6 to return to straight line travel. In tight spots you should stop the S3970RT / S3370RT / S2770RT, turn the wheels the direction you want to go, then, after you have aimed the steering wheels, squeeze the **Safety Control** 5 and move the **Joystick Controller** 3 slowly forward or backward.

□ Raising the Platform

To raise the platform from the platform control box do the following:

1. The engine must be running. If not, start it from the platform control box as described above.

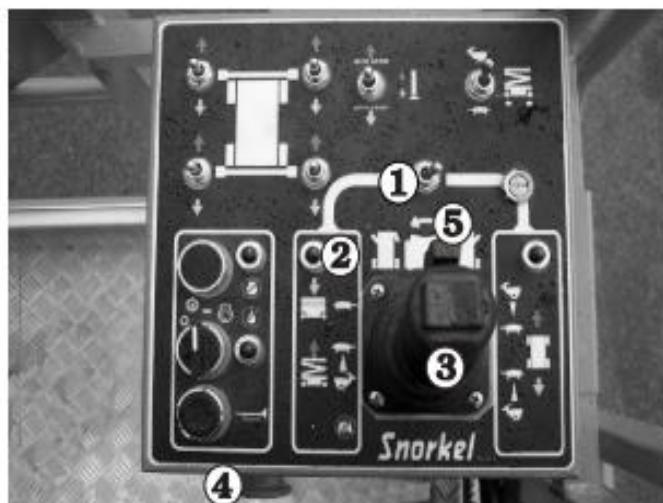


Figure 8.19

2. Set the **Lift/Drive Selector** 1 (see Figure 8.19) to lift (left).

NOTE

If the **Lift Indicator Light** 2 is not lit, the platform will not go up because: the chassis is not level, the stabilisers are not properly set, or the articulating axles are not set. Correct the problem then continue.

NOTE

The platform is about to move. If you have to make an emergency stop, release the **Joystick Controller** 3 and sharply strike the **Emergency Stop** switch 4 straight in.

To make a normal stop, slowly move the **Joystick Controller** 3 to its centered neutral position then release it.

8. Operation

3. Squeeze and hold the **Safety Control** ⑤ against the Joystick Controller ③ (see Figure 8.19).
4. Pull the **Joystick Controller** ③ backward to raise the platform, or push it forward to lower it. The further you pull the **Joystick Controller** ③ backward, the faster the platform rises. There is only one (1) down speed.

■ Stabilisers

→ **If your machine is not fitted with stabilisers you do not need to read this section.**

NOTE:

Using the stabilisers.

The platform must be fully lowered to enable the stabilisers to operate.

Once the platform is raised the stabilisers cannot be set or adjusted.

Before operating the stabilisers check to see that the ground conditions under the four (4) stabiliser pads is firm, stable and unobstructed.

▲DANGER

If the platform is up and the ground compresses unevenly under different stabiliser pads the S3970RT / S3370RT / S2770RT might fall over causing serious injury or death. Check the level bubble frequently during operation. If any movement of the bubble occurs, immediately lower the platform and readjust the stabilisers to re-center the bubble in the ring.

When using the stabilisers always check that all four (4) are firmly on the ground and that they are clear of manhole covers, drains, etc., which may collapse. If the ground is at all soft, steel plates at least 300mm x 300mm x 6mm should be placed under the feet to spread the weight.

▲DANGER

Death or serious injury can result if the machine tips over. Do not use the stabilisers to gain extra working height, they are not designed for that purpose. At least one (1) of the stabilisers should raise the S3970RT / S3370RT / S2770RT above the ground - use the other three (3) to level the S3970RT / S3370RT / S2770RT as necessary.

The S3970RT / S3370RT / S2770RT will not DRIVE unless all four (4) stabilisers are completely raised i.e. If any one (1) of the stabilisers is even slightly lowered the DRIVE function is disabled.

■ Operating The Stabilisers Manually

To set the stabilisers

1. The engine must be running and the S3970RT / S3370RT / S2770RT set for platform control box operation.



Figure 8.20

2. Pull and hold the **Stabiliser** switches ① (see Figure 8.20) backward, one (1) at a time, until all four (4) stabiliser pads ② (see Figure 8.21) contact the ground.

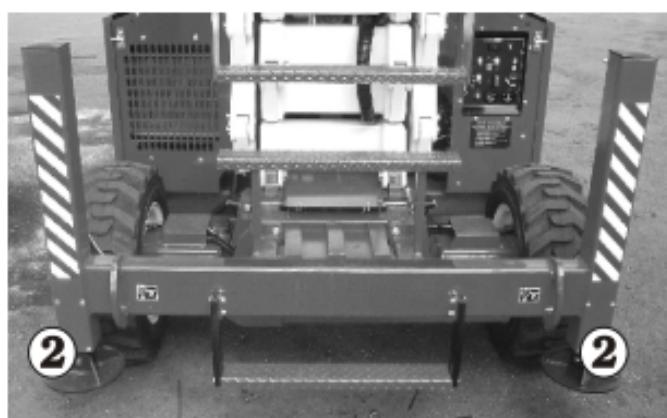


Figure 8.21

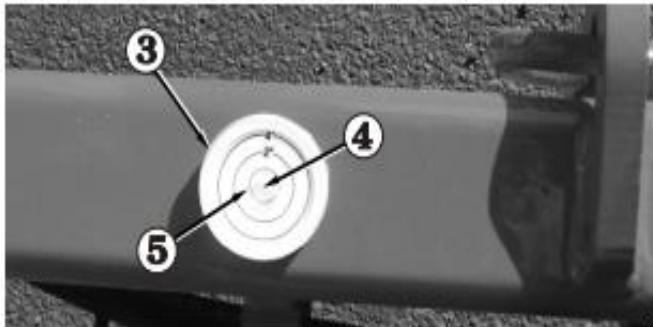


Figure 8.22

3. Visually check the bubble level ③ to determine which stabilisers must be further extended to level the platform (see Figure 8.22).

NOTE

When the bubble ④ in the bubble level is in the center of the ring ⑤, the platform is level.

4. Lower the appropriate stabilisers just enough to center the bubble ④ (see Figure 8.22). When the **Lift Indicator Light** ⑥ (see Figure 8.23) comes on, the platform can be safely raised.



Figure 8.23

To raise the stabilisers:

1. Completely lower the platform.



Figure 8.24

2. Push and hold the **Stabiliser** switches ⑦ forward until all the stabilisers are completely up (see Figure 8.24).

■ Operating The Auto Level System

Setting the stabilisers automatically

1. The engine must be running and the S3970RT / S3370RT / S2770RT set for platform control box operation.



Figure 8.25

2. Press and hold the switch ① down to the **'Auto Level'** position until all movement stops or the **Lift Enable Light** ② illuminates. The S3970RT / S3370RT / S2770RT will attempt to automatically level itself.
3. The **Lift Enable Light** ② will illuminate if all 4 feet are in contact with the ground and the machine is level.