3 - CONTROLS AND INSTRUMENTS

Operator's seat

Pneumatically-adjusted operator seat - Adjust

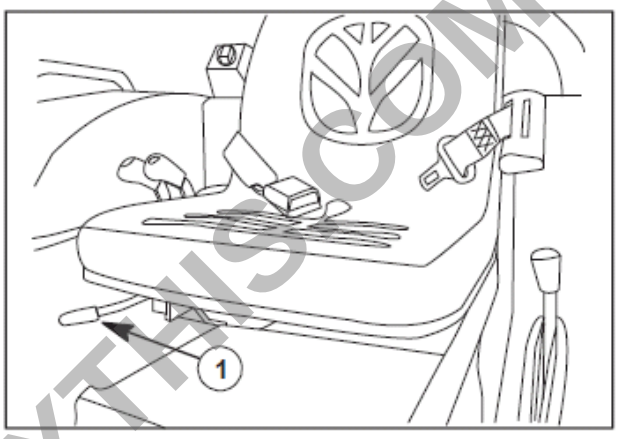
Standard seat

Even under difficult conditions, adjust your seat for safe driving. To avoid danger, follow the instructions below:

do not adjust the seat when the tractor is moving;
the driver’s seat must be fitted and repaired by specialist personnel only.
check periodically that the securing screws are tight and that the adjustment controls are working properly to ensure safety and stability when working.

The driver’s seat has adjusters for its suspension, height and distance from the controls.
You can therefore select the most suitable position for driving.

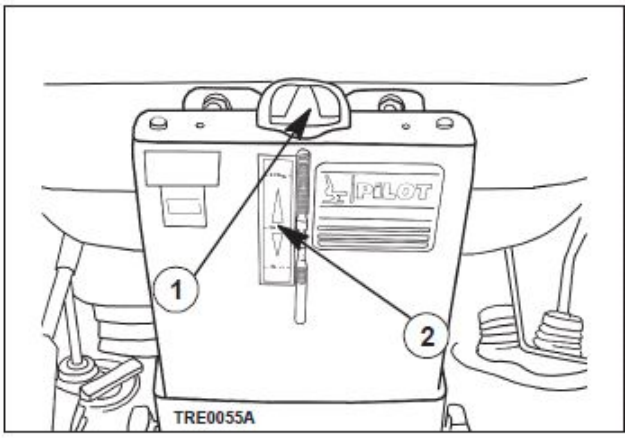
To move the seat forward or back, pull the lever **(1)** sideways.
After moving the seat, release the lever, ensuring that the seat is locked in the chosen position.



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SEAT SUSPENSION ADJUSTMENT

For correct adjustment, turn knob **(1)** clockwise or anticlockwise until, with the driver seated, the indicator aligns with the centre of the arrows **(2)** .



TJ66-17 2

ATTENTION: *Always disengage the power take–off (pto) and apply the hand brake before leaving the tractor. If the operator does not apply the hand brake once the engine is stopped, an audible alarm is activated for approximately 15 seconds. The alarm will be interrupted when the hand brake is applied.*

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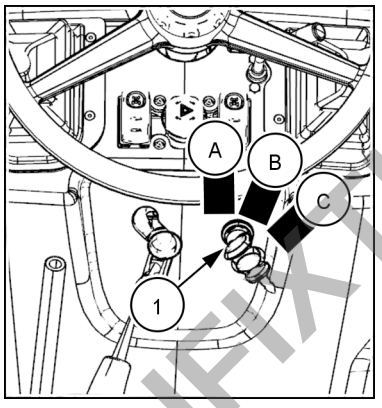
4 - OPERATING INSTRUCTIONS

Starting the unit

Engine - Operating

STARTING THE ENGINE

a. If the tractor has not been used for some time, or if started up for the first time at a low surrounding temperature, actuate the fuel pump starting lever around twenty times.
b. Ensure that both gear levers are in neutral position.
c. Move the throttle lever to around the half way position.
d. Turn the ignition key to position C, Release the key as soon as the engine starts.



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STARTING IN A LOW EXTERNAL TEMPERATURE

NOTE: *When the external temperature is low and the engine is cold, cover the radiator before starting so that the engine coolant can quickly reach operating temperature. Then remove the cover.*

STARTING IN LOW OUTSIDE TEMPERATURE CONDITIONS

When starting the engine with low outside temperatures and when the engine is cold, proceed as follows:

1. Avoid running down the battery. Any single engine starting attempt shoud not last longer than **15 s**. If the engine fires but does not start, continue the attempt up to a maximum of **30 s** .
2. Wait for at least one minute between each attempt to start the engine.
3. To avoid excessively running down the battery, do not make more than six attempts to start the engine.

STARTING CONDITIONS

To start the engine of all T3F models;

1. Shuttle lever must be in neutral position
2. PTO engagement lever must be in neutral position
3. Clutch pedal must be pressed
4. Brake pedals must be pressed

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7 - MAINTENANCE

General information

Foreword

This section gives full details of the maintenance procedures required to keep your tractor in optimal working conditions. The lubrication and maintenance table on pages. 4- 7 and 4- 8 can be used for quick reference for this purpose. All operations are numbered to facilitate use.

In addition to the normal maintenance operations listed, the following parts must be checked during flexible maintenance or during the first 50 hours of operation:
— Wheel nut tightness;
— Oil levels in hub and front axle casing - four- wheel drive only.

ATTENTION: *Park the tractor on level ground and, where possible, ensure all hydraulic cylinders are fully extended before checking oil levels.*

SAFETY PRECAUTIONS

Read and follow all the safety precautions listed in “Tractor maintenance”, in Section 1.

NOTE: *Dispose of any filters and liquids used in an appropriate and with respect to the environment.*

ATTENTION: *Do not carry out any inspections, lubrication, maintenance or adjustments on the tractor with the engine running.*

HOW TO PREVENT CONTAMINATION OF THE SYSTEM

To avoid contamination when changing oil, filters, etc, always clean the area around the fill points, inspection and drain plugs, dipsticks and filters.
Before connecting external cylinders, make sure that the oil inside is clean, that it has not deteriorated after prolonged storage and that it is of the type specified. To prevent dirt entering, clean the lubricating nipples before lubrication.
Clean excess lubricant from the fittings after lubrication..

MAINTENANCE INTERVALS

The intervals suggested in the lubrication and maintenance table are those to be followed under normal working conditions.

Intervals should be in line with working and environmental conditions. The intervals should be shortened in adverse working conditions (wet, mud, sand, high dust levels).

LUBRICATION AND MAINTENANCE TABLES -- PAGES 4--7 and 4- 8

The tables, in pages 4- 7 and 4- 8 list the intervals at which routine checks, lubrication, maintenance and/or adjustments should be carried out.

Use the table as a quick reference guide when carrying out maintenance on the tractor. The operations follow the order in the table.

RUNNING- IN PERIOD

During the running- in period (approximately 50 hours of work), in addition to carrying out the operations indicated in this section - “First 50 Hours Service”, we recommend the following:
—Run the engine for a few minutes at low speeds and let it idle after every cold start;
—Do not let the engine run at minimum speeds for a long time;
—Do not use the tractor continuously for heavy work;
—Follow the above recommendations after replacement of major parts.

ATTENTION: *After first 50 hour of work, change the oil, relevant filters and filter elements for hydraulic and hydrostatic steering system*

ATTENTION: *Carry out the operations illustrated in this section at the specified intervals to ensure that your tractor functions properly. Remember, however, to carry out inspections and adjustments as and when experience and common sense dictates, (frequency can vary depending on working and environmental conditions).*

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2 - SAFETY INFORMATION

Personal safety

SAFETY MESSAGES USED IN THIS MANUAL



This warning symbol points out important messages concerning your safety.

Read the following safety regulations carefully and follow the recommendations in order to avoid potential hazards and safeguard your health and safety.

In this Manual the symbol is accompanied by the following keywords:



DANGER Indicates an immediate hazardous sitaution, that, if not avoided, will result in death or serious injury.



WARNING Indicates a potential hazardous situation that, if not avoided, could result in serious injury.



CAUTION, Indicates a potential hazardous situation that, if not avoided, may result in minor injury or machine damage. This can also be used to alert against unsafe practices.

Failure to observe the instructions preceded by the aforementioned key words may result in severe or fatal injury to the persons involved.

Furthermore, this Manual also contains instructions preceded by the terms NOTE and IMPORTANT , with the following relevance in relation to machine protection:

IMPORTANT : This is used to highlight important information for machine usage or specific procedures to prevent minor machine damages.

NOTE : This is used to identify and present supplementary informations.

IMPORTANT WARNINGS

-

The machine is designed and produced exclusively for agricultural use.

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6 WORKING OPERATIONS

One-speed rear Power Take-Off (PTO)

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Ballasts and supports

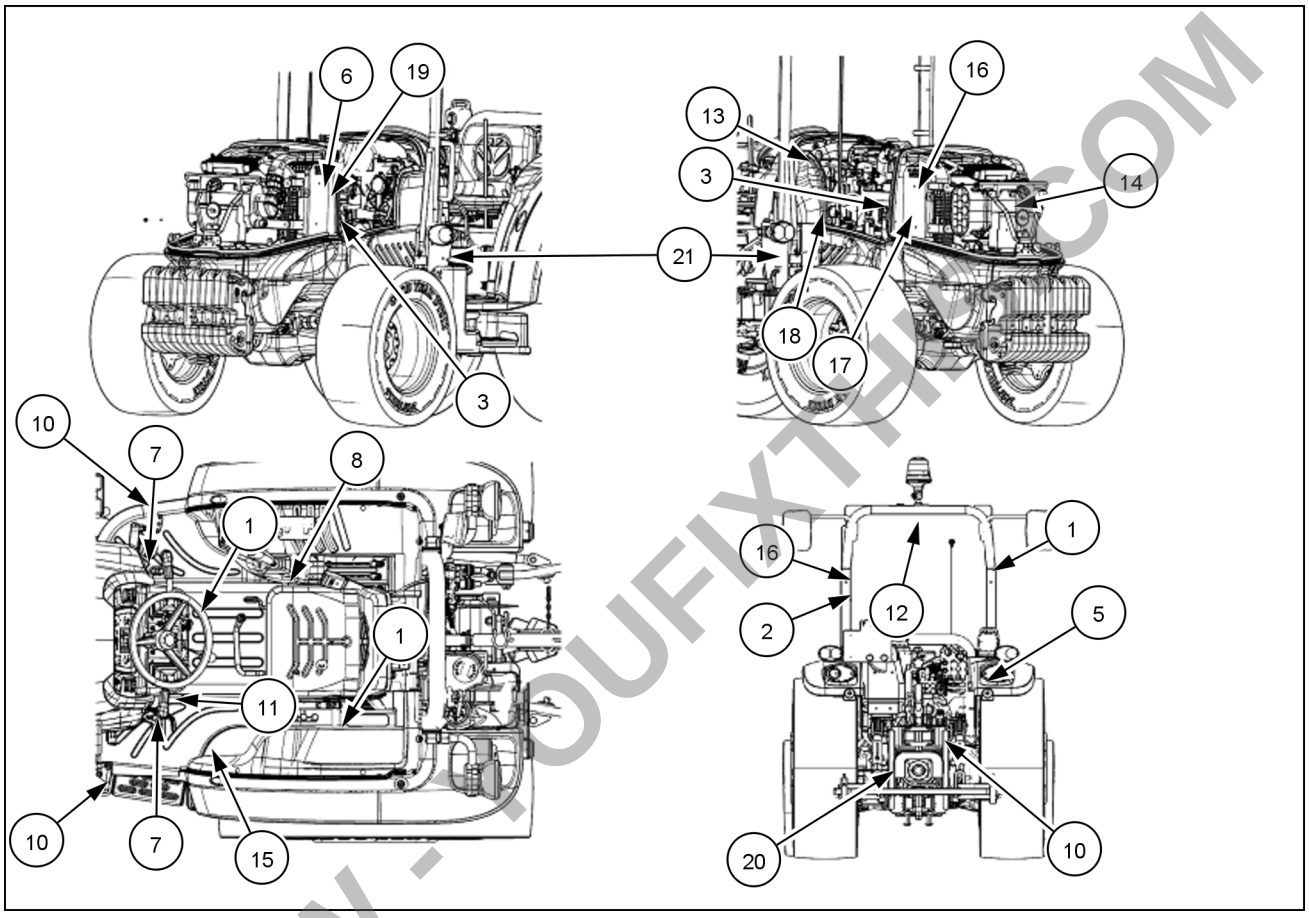
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Safety signs SAFETY DECALS

The decals reproduced on the following pages were installed on your tractor in the positions indicated in the drawings below. They are intended for your safety and for those working with you. Please take this Manual and walk around your tractor, noting the location of the decals and their significance. Review the decals and operating instructions detailed in this Manual with the machine operators. Keep the decals clean and legible. If they become damaged or illegible, obtain replacements from your authorised dealer.



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AH | Seats and whole-body vibration.

Make sure that each operator correctly adjusts the operator's seat to minimize the risks from whole-body vibration (see **Vibration levels**) See the Safety information chapter for additional information on the effects and risks of whole-body vibration. (see **Identification plates**).

Section 3

A | Instructions for mounted or trailed machinery, including trailers.

The machine is a multipurpose machine designed to tow, transport, and operate various implements. This manual alone cannot provide you with all the information required for the safe operation of the several configurations. Use only authorized attachments. Always read and understand the manual or instructions supplied by the manufacturer to avoid injury or damage. Understand the operation and safety instructions before you attach, remove, or operate the attachment.

B | Three-point linkage and tow-hitch (if equipped).

Always stay clear of the implement operating area. In particular, DO NOT stand between the machine and the trailed vehicle or either three-point linkage when operating lift controls. Make sure no bystanders are within or near these operating areas. See **Safety signs**

Always stay clear of the implement operating area. In particular, DO NOT stand between the machine and the trailed vehicle or either three-point linkage when operating lift controls. Make sure no bystanders are within or near these operating areas. See **Safety signs**

C | Positioning a mounted implement before leaving the machine.

To avoid injury always lower all components, attachments, or implements to the ground before leaving the cab.

D | Power Take-Off (PTO) speed.

Always use the recommended PTO speed for the implement. Consult the implement operator's manual for the correct speed.

- Match the right machine PTO spline and speed with the PTO driveshaft provided with an implement. This will assure proper geometry and operating speed.
- Never operate **540 RPM** implements at **1000 RPM**
- Never operate **1000 RPM** implements at **540 RPM**

E | Power Take-Off (PTO) guards.

Avoid entanglement with the PTO. The Power Take-Off (PTO) guard must be in place for most operations to prevent death or injury while the PTO is operating. When attachments like pumps are attached to the PTO - where the guard is moved upward or removed - shielding equal to the PTO guard must be installed with the attachment. See **Power Take-Off (PTO) - Adjust** .

F | Hydraulic coupling devices.

The machine has a pressurized hydraulic system. Before disconnecting couplers you must:

- Lower the connected attachments.
- Stop the engine.
- Move the control levers forward and backward to discharge pressure from the hydraulic system.

See . **Remote control valves - Safety rules** for detailed information about the location and identification of hydraulic valves and the couplers, as well as instructions for use.

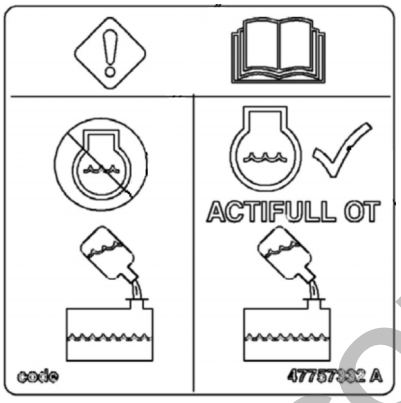
G | Lift capacity of the three-point linkage.

See **General specification** for the maximum lift capacity of the three-point linkage. See **Rear hitch - Adjust** for information on how to make lateral and/or vertical adjustments to the three-point hitch.

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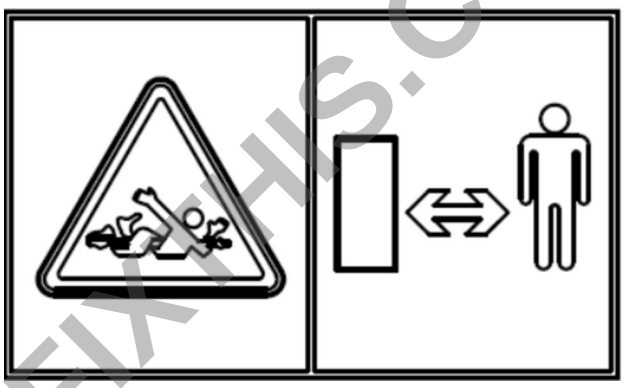
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19. Location: Left -hand side of the radiator.
Fill with recommended cooling fluid



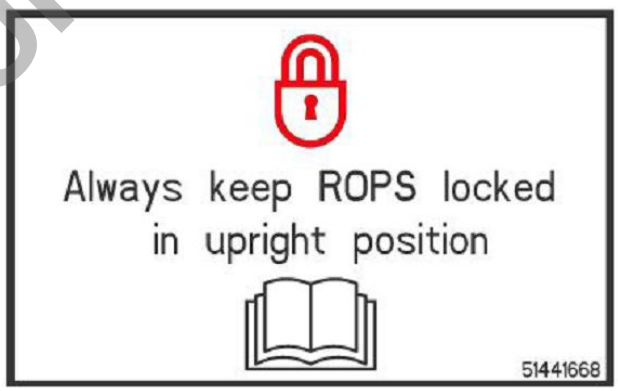
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20. Location: On drawbar support.
It warns that the operator not to operate the tractor with the PTO shaft guard missing



ANIL18TRO0750AA 20

21. Location: On right and left hand side of ROPS with non-removable roll-over protective structure..
Roll over hazard.
For towing, do not fix chains or ropes to the ROPS guard. Failure to comply could result in death or serious injury. Part Number: 51441668



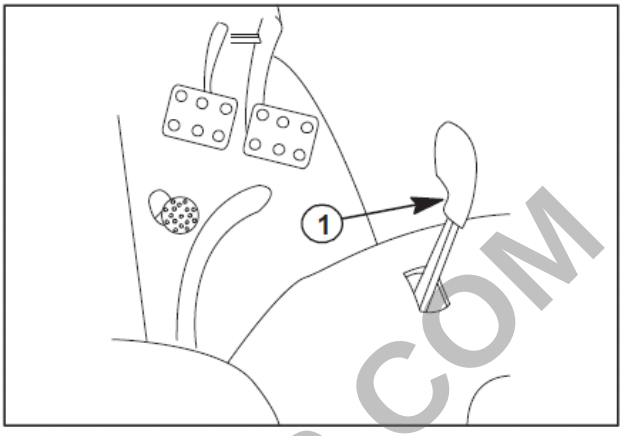
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Differential lock mechanical control - Control

-Hand throttle lever **(1)**



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6 - WORKING OPERATIONS

One-speed rear Power Take-Off (PTO)

Safety rules

Read this section before you use your tractor. This section contains all the information on the use and position of tractor controls. Read this section to make sure that you use your tractor safely and correctly.

Read this section even if you are familiar with similar tractors.

After you read this section, make sure that you know the position and use of controls. You will also find the technical features of the tractor in this section.

Do not start or use the tractor if you do not feel confident that you know how to use all the controls.

Errors or accidents may occur if you do not know the function of a control or the details of a technical feature.

If you are unsure about any of the functions of the tractor, please contact your NEW HOLLAND Authorized Service Center.

Take care when you work with the tractor to extend the tractor's service life, and to ensure that you work as safely as possible.

See Section 4 for more information about your tractor's safety features and service life. 4. Section contains details on the general maintenance and lubrication procedures that you must perform.

Section 8 contains information on your tractor's technical specifications.

OPERATION

ATTENTION: *Note the following before you start the engine or move the tractor:*
Make sure that protective and safety equipment is installed properly.
Use the step when you enter and exit the tractor. Do not use the steering wheel or control levers to stabilize yourself as you enter and exit the tractor.
Before you start the engine, make sure that all control levers are in neutral.
Do not leave the tractor running in closed areas for any reason.
Only use the control levers from the driver's seat.
Stop the engine before you carry out any care or maintenance procedures.
Use appropriate warning signs and markings to indicate slow moving vehicles.
Use the appropriate signal when you stop, turn, or slow down when on the road. Be sure that other road users and pedestrians are aware of your intentions.

STARTING THE ENGINE

A. Before you start the engine, read the information in the user handbook on how to start the engine, how to use the control levers, and how to stop the engine .
B. Never start the engine with the air filter removed.
C. If you have not used the tractor for a certain period and you want to start the tractor or use tractor at low temperatures, press the automatic fuel switch under the fuel feed pump about 20 times. Run the engine at idle speed for **5 – 10 s**.
D. Press the clutch to put the tractor into gear and start the engine. Position the gear lever and stage lever in the correct position.
E. Push the hand throttle lever about half way forward.
F. Move the ignition key to position **(C)** as shown and release the key when the engine starts.

STARTING AND STOPPING THE ENGINE

STARTING THE ENGINE IN LOW AIR TEMPERATURES

ATTENTION: *When the engine is cold and the air temperature is low, close the area around the radiator before you start the engine. This allows the coolant to reach its proper temperature quickly. Avoid sudden use, as the hydraulic systems are still cold and are under high pressure. Allow the engine to run at **1300 – 1500 RPM** for **5 min** so that the rear axle transmission oil can reach its normal operating temperature. Then press the throttle. Adhere to these rules when you first start the tractor.*

- If you have not used the tractor for a long time, press the feed pump 20 times before you start the engine.
- When you start the engine, the period of consecutive start attempts should not exceed **15 s**. Otherwise, the battery may go flat. However, if the engine fires but does not start, you can increase this period to **30 s**.
- Wait at least **1 min** between consecutive engine start attempts.
- To make sure that the battery does not discharge, do not attempt to start the engine more than six times.

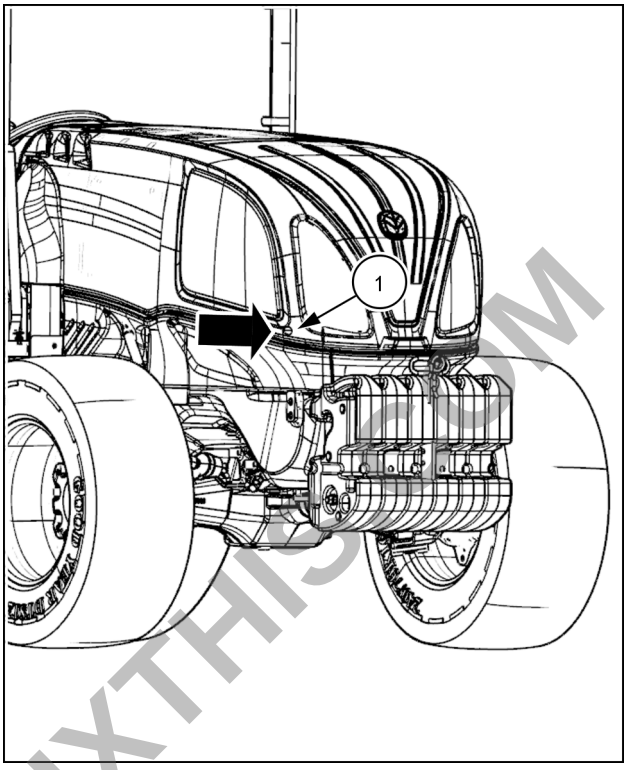
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OPENING THE BONNET

To open the bonnet, push the locking pin **(1)** towards the direction of arrow, lift from the front, and allow the bonnet to raise. The gas strut **(2)** will maintain the bonnet in the raised position.

NOTE: *To close the bonnet, simply pull it down and press the top lightly to ensure it engages.*



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