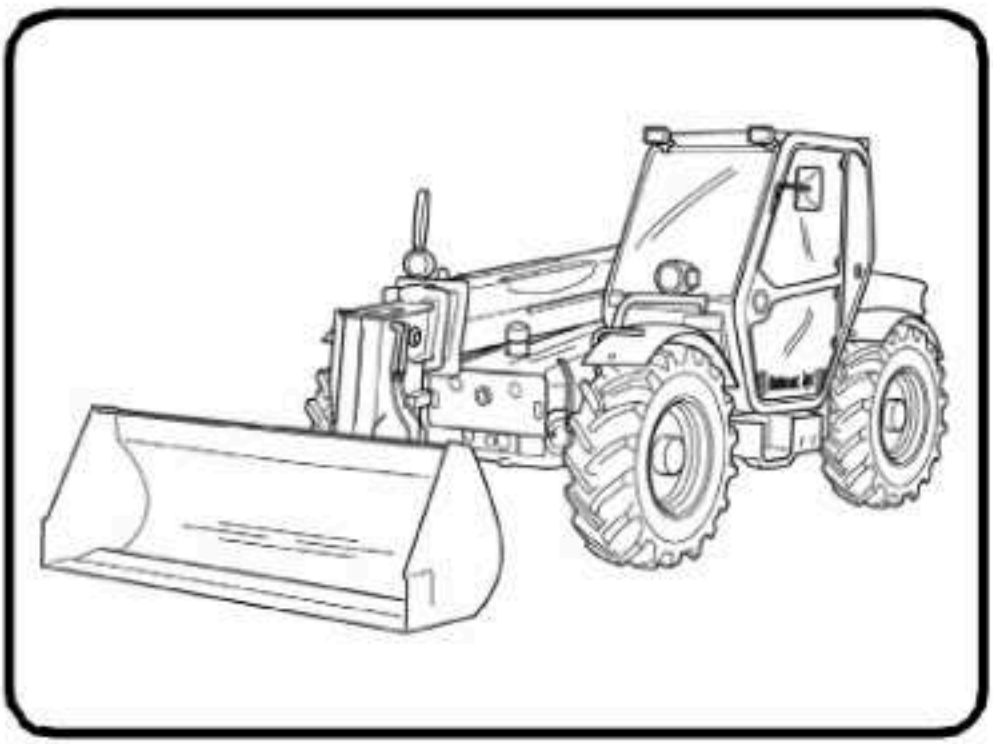
EN

Bobcat®

# Operation & Maintenance Manual
# T35100(S)(L) Telescopic Handler

**S/N A8HD13000 & Above**
**S/N A8GW13000 & Above**
**S/N A8GT13000 & Above**



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Original Instructions

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**REFERENCE INFORMATION**

Write the correct information for YOUR Bobcat telescopic handler in the spaces below. Always use these numbers when referring to your Bobcat telescopic handler.

Telescopic Handler Serial Number _____

Engine Serial Number _____

NOTES:

_____

_____

_____

_____

YOUR BOBCAT DEALER:

_____

ADDRESS:

_____

PHONE:

_____

CE

Doosan Benelux SA
Drève Richelle 167
B-1410 WATERLOO
Belgium



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# FOREWORD

This Operation & Maintenance Manual was written to give the owner / operator instructions on the safe operation & maintenance of the Bobcat telescopic handler. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR BOBCAT TELESCOPIC HANDLER. If you have any questions, see your Bobcat dealer. This manual may illustrate options and accessories not installed on your telescopic handler.


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### Left Instrument Panel

**Figure 14**




*Left Side Instrument Panel* **[Figure 14]**

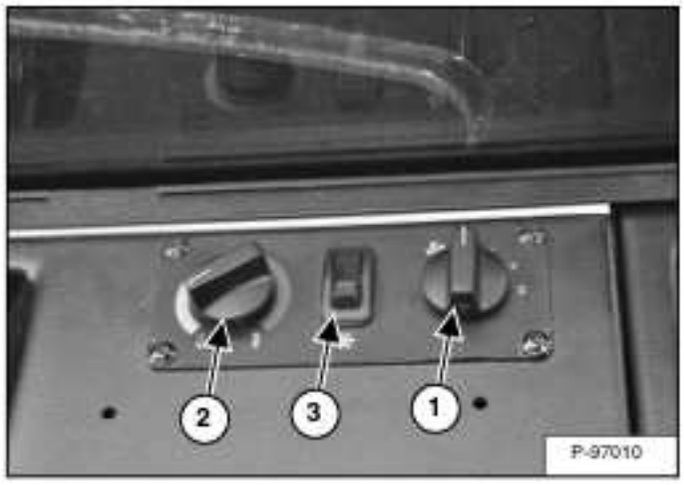
1. **Hazard Lights (Red Light)** - Press the bottom of the switch to turn the Hazard lights ON; press top to turn OFF. Light flashes when Hazard Lights are ON.

**NOTE: Both the left and right directional arrows (Item 16) [Figure 12] will also flash when the hazard switch is activated.**

2. Creep Switch - Rotate the dial to increase or decrease creep speed. Position 0 is OFF, position 1 is the slowest - position 10 is the fastest. (See CREEP MODE OPERATION on Page 63.)

### Heater / Air Conditioning Controls (If Equipped)

**Figure 15**




*Right Rear Console* **[Figure 15]**

1. **Fan Switch** - Turn clockwise to increase fan speed. "O" - Off, "I" - Low, "II" Medium, "III" - Fast

2. **Temperature Control** - Turn clockwise to increase cab temperature; anticlockwise to decrease.

3. **Air Conditioning Switch (If Equipped)** - Press the top of the switch to turn the Air Conditioning ON - Press the bottom of the switch to turn the Air Conditioning OFF.

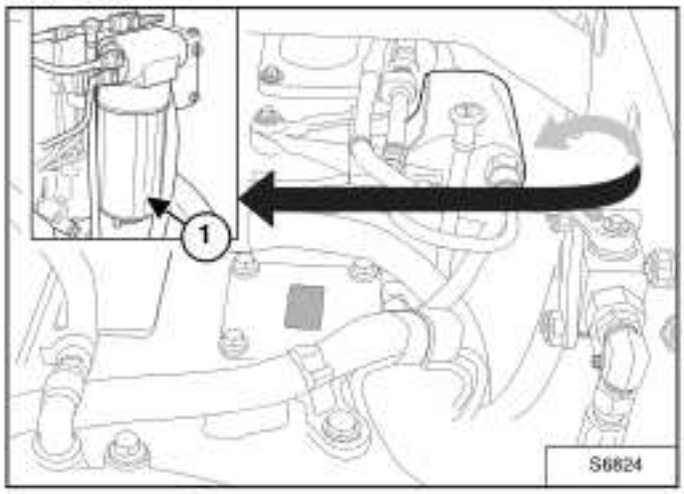


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### Secondary Fuel Filter

See the SERVICE SCHEDULE for the service interval when to replace the secondary fuel filter. (See SERVICE SCHEDULE on Page 95.)

**Figure 94**




Remove the filter element (Item 1) **[Figure 94]**.

Clean the area around the filter housing.

Install the new filter element with a new seal, and hand tighten.

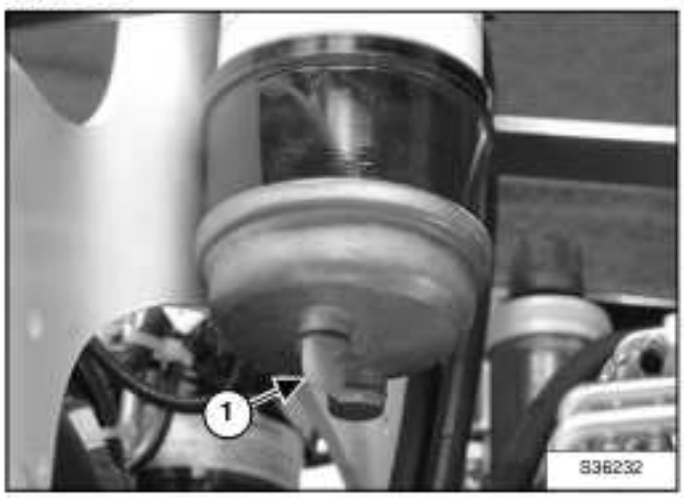
Remove air from the fuel system. (See Removing Air From The Fuel System on Page 104.)

### Primary Fuel Filter (Pre-Filter)

See the SERVICE SCHEDULE for the service interval when to replace the fuel filter. (See SERVICE SCHEDULE on Page 95.)

*Replacing Element*

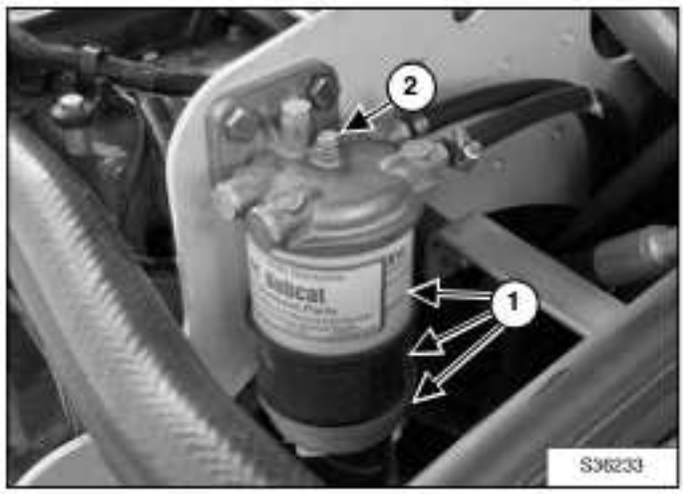
**Figure 95**




Open the drain valve (Item 1) **[Figure 95]** on the bottom cover of the fuel primary filter and allow the fluid to drain into a container.

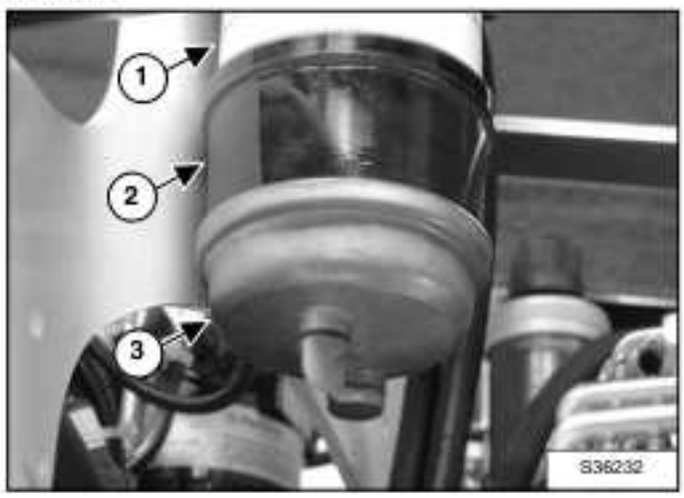
Tighten the drain valve (Item 1) **[Figure 95]** by hand pressure.

**Figure 96**




Hold the filter assembly (Item 1) and remove the screw (Item 2) **[Figure 96]**.

**Figure 97**




Remove the filter element (Item 1), bowl (Item 2) and bottom cover (Item 3) **[Figure 97]** from the filter housing.

Clean the area around the filter housing and reinstall using a new filter element (Item 1) **[Figure 97]**.

Remove air from the fuel system. (See Removing Air From The Fuel System on Page 104.)



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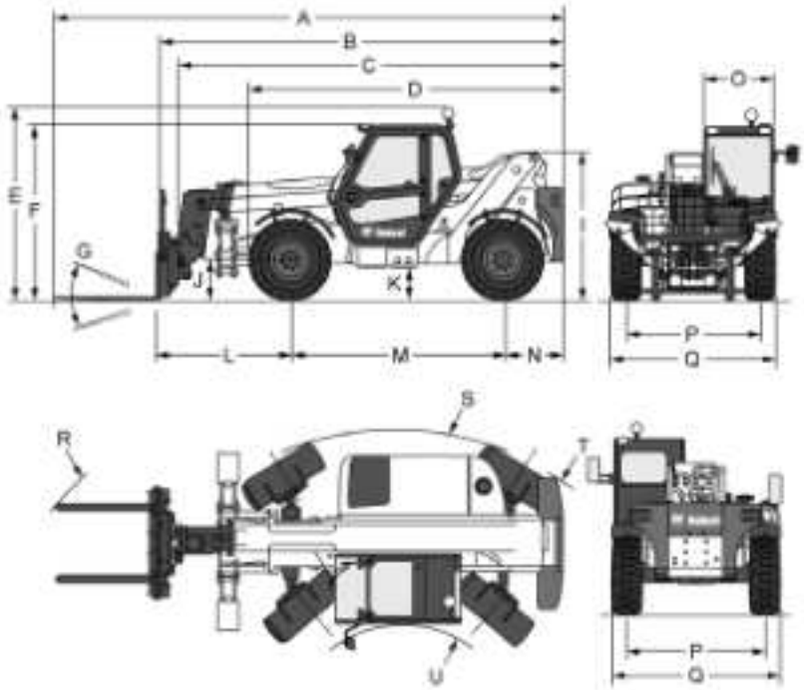
## (T35100SL) TELESCOPIC HANDLER SPECIFICATIONS

**⚠ WARNING**

**Each attachment and each Telescopic Handler have different Load Capacity Charts. For example: An 84 inch bucket used on a T2250 will have its own chart; that same 84 inch bucket when used on a T3571 will have a different chart. Be sure you use the correct chart for your attachment and Telescopic Handler combination.**

Dimensions are given for machine equipped with standard tyres and can vary with other tyre types.
Where applicable, specifications conform to SAE, ASME or ISO standards and are subject to change without notice.

### Dimensional Specifications




| | |
|---|---|
| (A) Overall length (with forks) | 255.3 in. (6486 mm) |
| (B) Overall length (with carriage) | 208.0 in. (5285 mm) |
| (C) Overall length (without attachment) | 199.6 in. (5070 mm) |
| (D) Overall length (to front tyres) | 173.5 in. (4406 mm) |
| (E) Overall height (with rotating beacon) | 102.8 in. (2610 mm) |
| (F) Overall height | 90.4 in. (2295 mm) |
| (G) Carriage rotation angle | 145° |
| (I) Height to back of the machine | 81.9 in. (2079 mm) |
| (J) Ground clearance | 16.5 in. (419 mm) |
| (M) Wheelbase | 112.2 in. (2850 mm) |
| (N) Rear axle to back of machine | 31.5 in. (800 mm) |
| (O) Operator cab outside width | 36.6 in. (930 mm) |
| (P) Track width (front & rear) | 71.3 in. (1812 mm) |
| (Q) Width over standard tyres | 87.2 in. (2216 mm) |
| (R) External turning radius (with forks spaced 1200 mm ext.) | 211.6 in. (5375 mm) |
| (R) External turning radius (with forks spaced 1040 mm ext.) | 208.7 in. (5300 mm) |
| (R) External turning radius (with forks spaced 1360 mm ext.) | 214.2 in. (5440 mm) |
| (S) External turning radius (at tyres) | 153.5 in. (3900 mm) |
| External turning radius (at lifted stabilisers with blocks flipped over) | 170.9 in. (4340 mm) |
| (T) External turning radius (at counterweight) | 156.1 in. (3965 mm) |
| (U) Internal turning radius | 53.9 in. (1370 mm) |
| Height to steering wheel | 63.0 in. (1600 mm) |
| Width with stabilisers down | 97.4 in. (2475 mm) |
| Height of lifted stabilisers | 45.9 in. (1165 mm) |
| Operator cab inside width | 36.6 in. (920 mm) |
| Front wheel lifting when on stabilisers | 4.7 in. (120 mm) |



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**No-Text Safety Signs (Cont'd)**

**3. Falling Off Attachment (79523.7)**

The safety sign is located on the boom head.



**⚠ WARNING**

**Do not use the forks as lift for personnel or work platform.**
**Do not transport passengers.**
**Danger of serious injury or death from falling.**

---

**4. Lowering Attachment or Load (79524.5)**

The safety sign is located on the boom head.



**⚠ WARNING**

**Danger of serious injury or death from dropping or lowering an attachment or load.**
**Keep bystanders away.**

---

**5. Welding (92941.4)**

The safety sign is located on both sides of the back of the machine.



**⚠ WARNING**

**Read instructions before welding.**

---

(See Welding And Grinding on Page 22.)

**6. Electrocution (79526.0)**

The safety sign is located at the back of the engine compartment.



**⚠ WARNING**

**Danger of electrocution or explosion of the battery.**

---

(See Electrical on Page 21.)



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**Safe Operation Is The Operator's Responsibility**

**Safety Alert Symbol**

**This symbol with a warning statement means: "Warning, be alert! Your safety is involved!" Carefully read the message that follows.**

**WARNING**

**Operator must have instructions before operating the machine. Untrained operators can cause injury or death.**

W-2001-0502

**IMPORTANT**

**This notice identifies procedures which must be followed to avoid damage to the machine.**

I-2019-0284

**DANGER**

**The signal word DANGER on the machine and in the manuals indicates a hazardous situation which, if not avoided, will result in death or serious injury.**

D-1002-1107

**WARNING**

**The signal word WARNING on the machine and in the manuals indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.**

W-2044-1107

The Bobcat telescopic handler and attachment must be in good operating condition before use.

Check all of the items on the Bobcat Service Schedule Decal under the 8-10 hour column or as shown in the Operation & Maintenance Manual.

**Safe Operation Needs A Qualified Operator**

For an operator to be qualified, he or she must not use drugs or alcoholic drinks which impair alertness or co-ordination while working. An operator who is taking prescription drugs must get medical advice to determine if he or she can safely operate a machine.

*A Qualified Operator Must Do The Following:*

*Understand the Written Instructions, Rules and Regulations*

- The written instructions from Bobcat Company include the Delivery Report, Operation & Maintenance Manual, Operator's Handbook and machine signs (decals).
- Check the rules and regulations at your location. The rules may include an employer's work safety requirements. For driving on public roads, the machine must be equipped as stipulated by the local regulations authorising operation on public roads in your specific country. Regulations may identify a hazard such as a utility line.

*Have Training with Actual Operation*

- Operator training must consist of a demonstration and verbal instruction. This training is given by your Bobcat dealer before the product is delivered.
- The new operator must start in an area without bystanders or structures and use all the controls until he or she can operate the machine and attachment safely under all conditions of the work area. Always fasten seat belt before operating.

*Know the Work Conditions*

- Know the weight of the materials being handled. Avoid exceeding the Rated Load Capacity of the machine (as indicated on the Load Capacity Charts). Material which is very dense will be heavier than the same volume of less dense material. Reduce the size of load if handling dense material.
- The operator must know any prohibited uses or work areas, for example, he or she needs to know about excessive slopes.
- Know the location of any underground lines.
- Wear tight fitting clothing. Always wear safety glasses when doing maintenance or service. Safety glasses, respiratory equipment, hearing protection or Front Window Guard are required for some work See your Bobcat dealer about Bobcat Safety Equipment.

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