

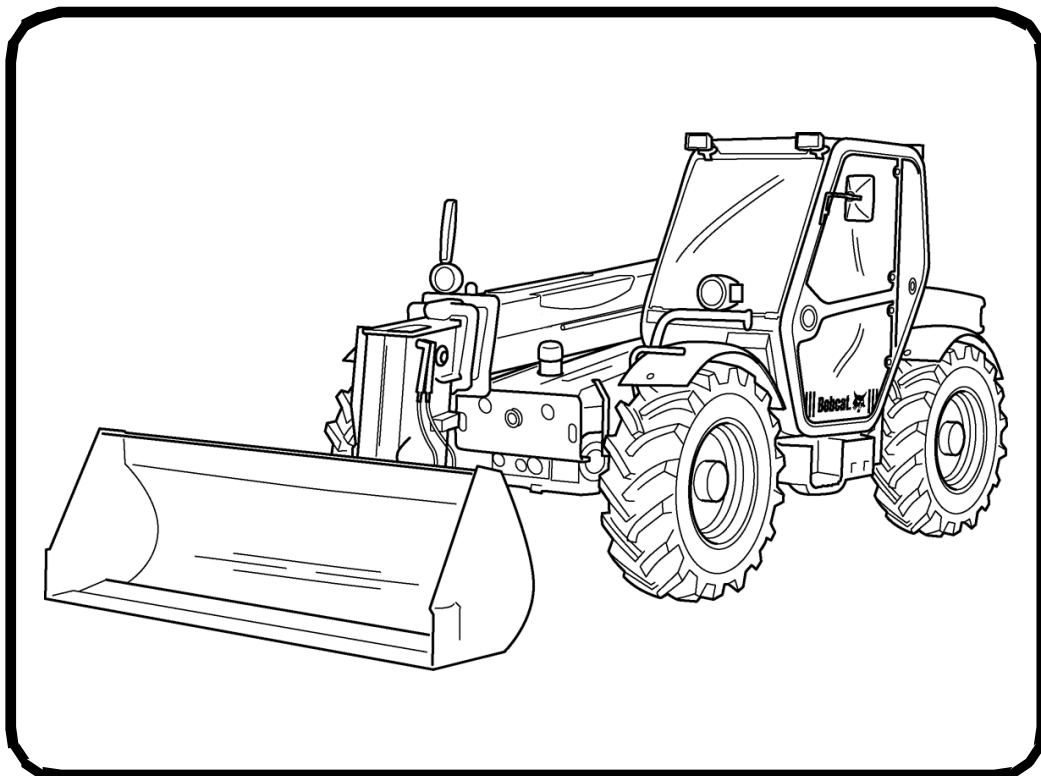


Bobcat®

EN

Operation & Maintenance Manual T35120(S)L Telescopic Handler

S/N A8GV13000 & Above
S/N A8GJ13000 & Above



OPERATOR SAFETY WARNINGS

WARNING

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

W-2001-0502

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

CORRECT

P-90216

Never operate without instructions. See machine signs (decals) and Operation & Maintenance Manual.

CORRECT

B-16074 B-23123

Always fasten seat belt snugly.

Always keep your feet and arms inside the cab.

CORRECT

B-16077

Never use telescopic handler without operator cab with ROPS and FOPS approval.

WRONG

B-21518

Never carry passengers.

Use only an approved work platform.

WRONG

B-16070

Do not use machine in atmosphere with explosive dust, explosive gas, or where exhaust can contact flammable material.

WRONG

B-16073

Check for overhead or underground power lines before operating.

Keep boom, attachment, and load a minimum of 3 m (10 ft) away from electrical power lines.

WRONG

B-16069

Always carry bucket or attachments as low as possible.

Do not travel or turn with boom up.

Load, unload, and turn on flat level ground.

WRONG

B-16071

Never exceed Rated Load Capacity.

Read and understand the Load Capacity Charts.

WRONG

B-16075

Never leave the machine with engine running or with boom raised.

To park, put transmission in neutral, engage parking brake, and put attachment flat on the ground.

WRONG

B-16072

Never modify equipment.

Use only attachments approved by Bobcat Company for this model telescopic handler.

SAFETY EQUIPMENT

The Bobcat telescopic handler must be equipped with safety items necessary for each job. Ask your dealer for information on the safe use of attachments and accessories.

1. **SEAT BELT:** Check belt fasteners and check for damaged webbing or buckle.
2. **OPERATOR CAB (ROPS and FOPS):** It must be on the telescopic handler with all fasteners tight. Never operate without right window.
3. **SAFETY SIGNS (DECALS):** Replace if damaged.
4. **SAFETY TREADS:** Replace if damaged.
5. **GRAB HANDLES:** Replace if damaged.
6. **BOOM STOP (if equipped):** Replace if damaged.
7. **PARKING BRAKE:** Check for function.
8. **WINDOWS AND MIRRORS:** Clean and check for broken glass or mirrors. Replace if damaged.



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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:



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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DECLARATION OF CONFORMITY

Model T35120L

Contents of EC Declaration of Conformity

This information is provided in the operators manual to comply with clause 1.7.4.2(c) of Annex I of Machinery Directive 2006/42/EC.

The official EC Declaration of Conformity is supplied in a separate document.

Manufacturer



Bobcat France
Route de Nantes
B.P. 71
44160 Pontchateau
FRANCE

Directive 2000/14/EC: Noise Emission in the Environment by Equipment For Use Outdoors

Notified Body

Laboratoire National d'Essais (LNE)
France
Notified Body Number: 0071

EC Certificate No.

2000-14/D100338/1

Technical Documentation

Doosan Benelux SA
Drève Richelle 167
B-1410 Waterloo
BELGIUM

Conformity Assessment Procedure(s)

2000/14/EC, Annex VI

Sound Power Levels [Lw(A)]

Measured Sound Power	105 dBA
Guaranteed Sound Power	106 dBA

Description of Equipment

Type of Equipment: Telescopic Handler
Model Name: T35120L
Model Code: A8GV

Engine Manufacturer: Perkins
Engine Model: 1104D-44TA-3056/2200
Engine Power: 74.5 kW @ 2200 Rpm

Equipment conforms to CE Directive(s) Listed Below
2006/42/EC: Machinery Directive
2004/108/EC: Electromagnetic Compatibility Directive

Declaration of Conformance

This equipment conforms to the requirements specified in all the EC Directives listed in this declaration.

Effective From:

29 December 2009


DECLARATION OF CONFORMITY (CONT'D)

Model T35120SL

Contents of EC Declaration of Conformity

This information is provided in the operators manual to comply with clause 1.7.4.2(c) of Annex I of Machinery Directive 2006/42/EC.

The official EC Declaration of Conformity is supplied in a separate document.

<p>Manufacturer</p>  <p>Bobcat France Route de Nantes B.P. 71 44160 Pontchateau FRANCE</p>	<p>Directive 2000/14/EC: Noise Emission in the Environment by Equipment For Use Outdoors</p> <p>Notified Body Laboratoire National d'Essais (LNE) France Notified Body Number: 0071</p> <p>EC Certificate No. 2000-14/D100338/1</p>				
<p>Technical Documentation</p> <p>Doosan Benelux SA Drève Richelle 167 B-1410 Waterloo BELGIUM</p>	<p>Conformity Assessment Procedure(s) 2000/14/EC, Annex VI</p> <p>Sound Power Levels [Lw(A)]</p> <table><tr><td>Measured Sound Power</td><td>105 dBA</td></tr><tr><td>Guaranteed Sound Power</td><td>106 dBA</td></tr></table>	Measured Sound Power	105 dBA	Guaranteed Sound Power	106 dBA
Measured Sound Power	105 dBA				
Guaranteed Sound Power	106 dBA				
<p>Description of Equipment</p> <p>Type of Equipment: Telescopic Handler Model Name: T35120SL Model Code: A8GJ</p> <p>Engine Manufacturer: Perkins Engine Model: 1104D-44TA-3056/2200 Engine Power: 74.5 kW @ 2200 Rpm</p>	<p>Equipment conforms to CE Directive(s) Listed Below 2006/42/EC: Machinery Directive 2004/108/EC: Electromagnetic Compatibility Directive</p>				
<p>Declaration of Conformance</p> <p>This equipment conforms to the requirements specified in all the EC Directives listed in this declaration.</p>					
<p>Effective From: 29 December 2009</p>					

BOBCAT COMPANY IS ISO 9001 CERTIFIED






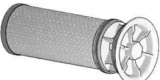






ISO 9001 is an international standard that specifies requirements for a quality management system that controls the processes and procedures which we use to design, develop, manufacture and distribute Bobcat products.

British Standards Institute (**BSI**) is the Certified Registrar Bobcat Company chose to assess the Company's compliance with the ISO 9001 at Bobcat's manufacturing facilities in Gwinner and Bismarck, North Dakota (U.S.A.), Pontchateau (France), Dobris (Czech Republic) and the Bobcat corporate offices (Gwinner, Bismarck & West Fargo) in North Dakota. Only certified assessors, like BSI, can grant registrations.

ISO 9001 means that as a company we say what we do and do what we say. In other words, we have established procedures and policies, and we provide evidence that the procedures and policies are followed.

REGULAR MAINTENANCE ITEMS

Parts

	ENGINE OIL FILTER (6 Pack) 6511766		BATTERY 6914907
	FUEL FILTER, PRIMARY 7001034		HYDRAULIC FILTER 6913059
	FUEL FILTER, SECONDARY 6911907		CASE DRAIN FILTER 6919913
	AIR FILTER, Outer 6910725		HYDRAULIC FILL CAP 6917779 + 6913569 (seal)
	AIR FILTER, Inner 6910726		HYDRAULIC TANK BREATHER 6917778

NOTE: Always verify Part Numbers with your Bobcat dealer.

REGULAR MAINTENANCE ITEMS (CONT'D)

Lubricants, Fuel And Fluids

The lubricants and fuels described below are those used in the factory and apply to operating conditions in European temperate climate areas. Please consult Bobcat for requirements under other weather conditions.

All Bobcat Telescopic Handlers													
Packaging	Lineart	ENGINE				HYDRAULIC/ HYDROSTATIC		ANTIFREEZE COOLANT		AXLE / TRANSMISSION		BRAKE FLUID	
		Bobcat Engine Power SAE 0W/30	Bobcat Engine Power SAE 10W/30	Bobcat Engine Power SAE 15W/40	Bobcat Engine Power SAE 20W/50	Bobcat Superior SH Hydraulic/Hydrostatic	Bobcat PG Coolant Concentrated	Bobcat PG Coolant 4 Seasons	Bobcat EG Coolant Concentrated	Bobcat EG Coolant Premixed	Bobcat Axle/ Transmission Oil SAE 85W/90	Bobcat Axle/ Transmission Oil ISO 100	(B) Bobcat Brake Fluid (Roto TLS only)
5 L Can		6987500A	6904840A	6904841A	6987501A	6904842A	6987646A	6904844A	6987596A	6987597A	6987602A	6904845A	6987667A
25 L Container		6987500B	6904840B	6904841B	6987501B	6904842B	6987646B	6904844B	6987596B	6987597B	6987602B	6904845B	6987667B
209 L Drum		6987500C	6904840C	6904841C	6987501C	6904842C	6987646C	6904844C	6987596C	6987597C	6987602C	6904845C	6987667C
1000 L Tank		6987500D	6904840D	6904841D	6987501D	6904842D	6987646D	6904844D	6987596D	6987597D	6987602D	6904845D	6987667D
		Bobcat Multi-Purpose Grease							6903122				
		Bobcat Supreme HD Grease							6687884				
		Bobcat Extreme HP Grease							6687885				
400 gr Grease													
4700301-EN (10-10)													

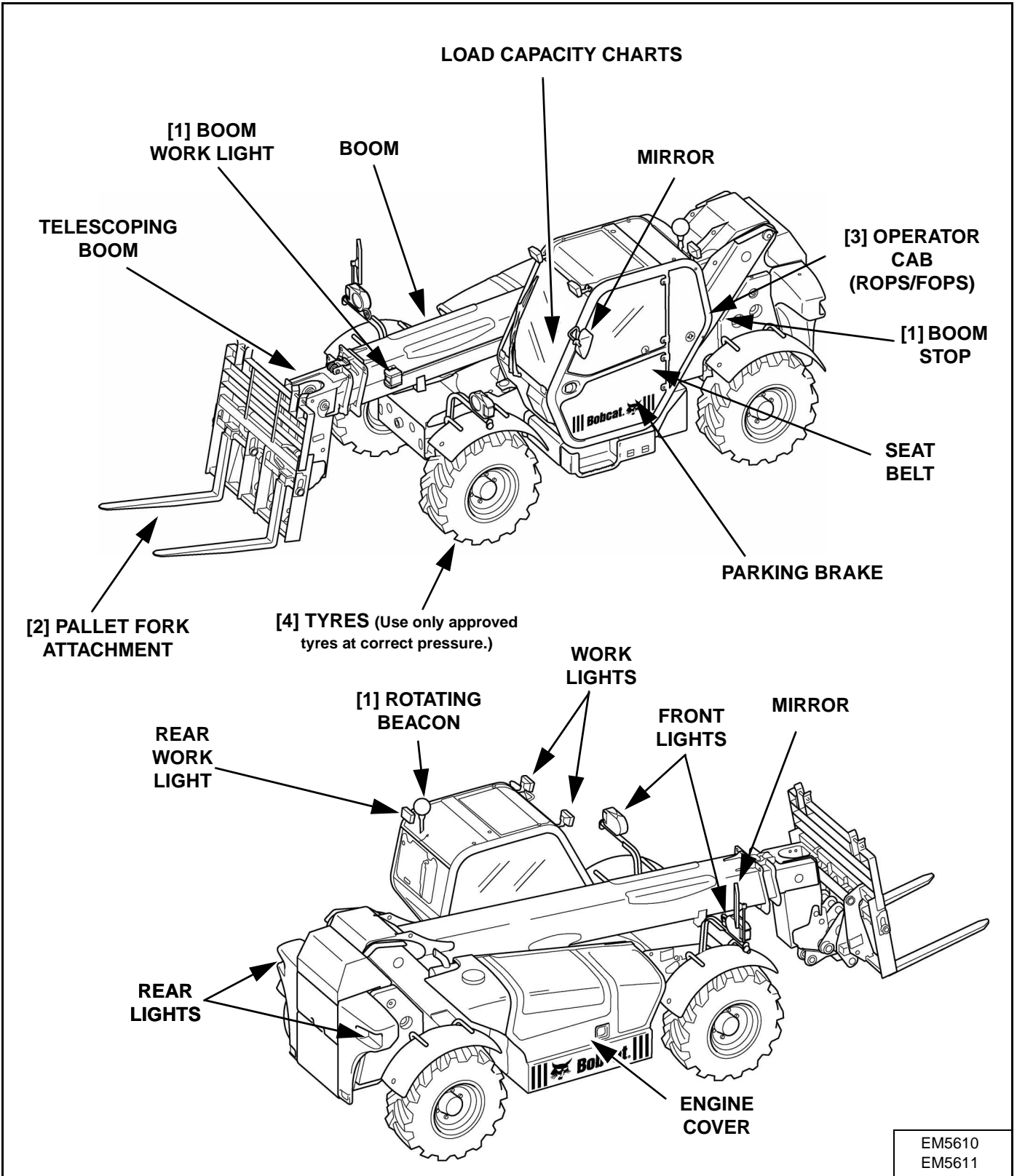
DELIVERY REPORT

Figure 3

The diagram shows a form titled "DELIVERY REPORT" with a "WARNING" section and various text fields. The form is enclosed in a rectangular border. In the bottom right corner of the diagram, there is a small box with the text "B-16315".

The delivery report must be completed by the dealer and signed by the owner or operator when the Bobcat telescopic handler is delivered. An explanation of the form must be given to the owner. Make sure it is complete **[Figure 3]**.

BOBCAT TELESCOPIC HANDLER IDENTIFICATION



- [1] Optional or Field Accessory. (Not Standard Equipment).
- [2] BUCKETS - Several different buckets and other attachments are available for the Bobcat telescopic handler.
- [3] ROPS, FOPS - Roll Over Protective Structure, per ISO 3471, and Falling Object Protective Structure per ISO 3449, Level II.
- [4] TYRES - Standard tyres are shown. Several different tyre styles and sizes are available for the Bobcat telescopic handler.

FEATURES, ACCESSORIES AND ATTACHMENTS

Standard Items

Model T35120(S)L Bobcat telescopic handlers are equipped with the following standard items:

- Hydrostatic transmission
- Heating, demisting and ventilation
- Front and rear washer/wipers
- Suspension seat
- Road lights
- Turn signals
- Right and left side mirrors
- Two-way hydraulic supply at the end of the boom
- Mudguards
- Turbo-charged engine
- Narrow hook-up for mounting of the equipment
- Mechanical locking of the attachment
- 4 equal-size drive and steering wheels with SOLIDEAL 405/70-20 PR14 TM R4 tyres
- Aggravating Movements Arrester (AMA) device with key switch to disable this function (S/N A8GV14999 & Below, S/N A8GJ14999 & Below)
- Longitudinal Load Moment Control (LLMC) device with key switch to disable this function (S/N A8GV15000 & Above, S/N A8GJ15000 & Above)

Options And Accessories

Below is a list of some equipment available from your Bobcat dealer as Dealer and/or Factory Installed Accessories and Factory Installed Options. See your Bobcat dealer for other available options, accessories and attachments.

- 2nd hydraulic function on boom
- Air pre-filter (auto cleaning)
- Air pre-filter (cyclonic)
- Back-up alarm
- Boom stop
- Cab air conditioning
- Cold temperature starting aid
- Cooling fan reverser for cleaning purposes
- Country legislation
- Double speed cooling fan motor
- Extra cooling capacity
- Hydraulic locking of the attachment
- Lockable fuel cap
- Loudspeaker predisposal
- Pneumatic suspension seat
- Protective zinc coating
- Rear hydraulic connection
- Rear hydraulic hook and mirror
- Roof windscreen wiper
- Rotating beacon
- Set of blue lights for hen houses
- Stabiliser locking system (arm extended or arm raised to 25°) (T35120SL only)
- Tow hitch and electrical auxiliary
- Tow valve
- Tractor tow device
- Trailer brake valve

- Windscreen grill
- Work light on boom
- Wheel wedge

Specifications subject to change without notice

Available Tyres

Standard tyres:

- SOLIDEAL 405/70-20 PR14 TM R4

Optional tyres:

- TITAN 400/70 - 20 150B 166A2 LIFT RIGGER II
- DUNLOP T37 400/80 x 24 150B (T35120L only)
- DUNLOP T37 400/80 x 24 156B (T35120SL only)
- DUNLOP T37 400/70 x 20 156B (T35120L only)
- DUNLOP 405/70 x 20 SPT9

Attachments

- Angle broom
- Auger
- Bale spike
- Bucket with grapple
- Bucket, combination
- Bucket, digging and loading
- Bucket, large capacity
- Bucket, utility
- Crane jib
- Concrete bucket
- Extension jib
- Fork with grapple
- Mixing bucket
- Pallet fork
- Pallet fork, floating
- Sweeper

These and other attachments are approved for use on the Bobcat telescopic handler. Do not use unapproved attachments. Attachments not manufactured by Bobcat may not be approved.

The versatile Bobcat telescopic handler quickly turns into a multi-job machine with a tight-fit attachment hook-up from bucket to grapple to pallet fork and a variety of other attachments.

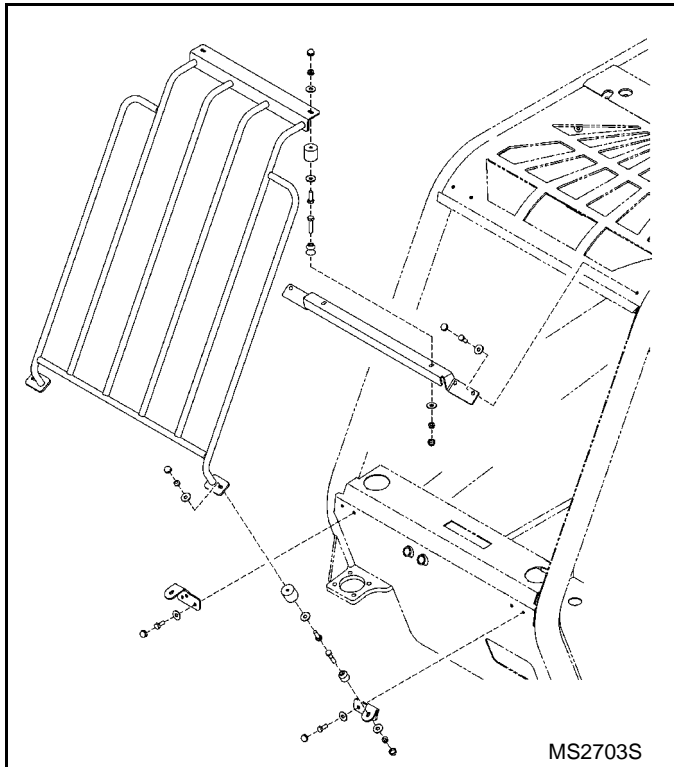
See your Bobcat dealer for more details on these and other attachments and field accessories.

Increase the versatility of your Bobcat telescopic handler with a variety of bucket styles and sizes.

FEATURES, ACCESSORIES AND ATTACHMENTS (CONT'D)

Windscreen Grill

Figure 4



Available for special applications to restrict material from entering cab openings **[Figure 4]**.

See your Bobcat dealer for availability.

Windscreen Grill Inspection And Maintenance

The windscreen grill must be regularly inspected and maintained. Inspect the screen for damage. Replace parts as necessary.



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