

# VOLVO - INSPECTION REPORT

## Volvo, Ec300e - Track Excavators

Country: US  
Date: 11/12/2019  
Make: Volvo  
Serial number: 310133

Dealer: Arnold Machinery Company  
Inspector: Mike seifert  
Model: Ec300e  
Engine S/N: 11650589

Location: Las Vegas  
Year: 2015  
Hours: 6050  
Matris hours: 6059

Comment:

### Equipped Configuration

<input checked="" type="checkbox"/> Yes EROPS	<input type="checkbox"/> Yes Cab risers	<input checked="" type="checkbox"/> Yes Proportional joystick controls
<input checked="" type="checkbox"/> Yes Air conditioning	<input type="checkbox"/> Yes Cab riser hydraulic	<input type="checkbox"/> Yes Joystick controls
<input type="checkbox"/> Yes Stick short	<input type="checkbox"/> Yes Standard car body	<input type="checkbox"/> Yes Thumb - Manual
<input checked="" type="checkbox"/> Yes Stick medium	<input type="checkbox"/> Yes Hydraulic retractable UC	<input type="checkbox"/> Yes Thumb hydraulic
<input type="checkbox"/> Yes 2 Piece boom	<input checked="" type="checkbox"/> Yes Auxiliary hydraulics	<input type="checkbox"/> Yes Counterweight removal sys.
<input type="checkbox"/> Yes Long reach arrangement	<input type="checkbox"/> Yes Hose rupture valves	<input checked="" type="checkbox"/> Yes Long undercarriage
<input type="checkbox"/> Yes Drill arrangement	<input type="checkbox"/> Yes Boom float	<input type="checkbox"/> Yes Quick coupler manual
<input type="checkbox"/> Yes Recycling arrangement	<input type="checkbox"/> Yes Attachment circuits	<input type="checkbox"/> Yes Quick coupler hydraulic
<input type="checkbox"/> Yes Demolition arrangement	<input type="checkbox"/> Yes Leveling blade	<input checked="" type="checkbox"/> Yes Auto Lube
<input type="checkbox"/> Yes Mass excavator arrangement	<input type="checkbox"/> Yes Cushion boom cylinder	<input checked="" type="checkbox"/> Yes Travel pedal
<input type="checkbox"/> Yes Forestry arrangement		

Comment:

### Images

Comment:

### Operators Station

Seat and armrest  Good

Dash and console  Fair Remarks:

Floor Board/Mat  Good

Cab glass  Fair Remarks:

Mirrors  Good

Interior light  Good

Switches  Good

Wipers  Fair Remarks:

Gauges  Good

Hydraulic controls  Fair Remarks:

Powertrain controls  Good  Fair  Poor Remarks:

AC cooling  Fair Remarks:

CAB Interior  Fair Remarks:

Operators station  
condition summary

Comment:

## Outside appearance

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Steps [ X ] Fair Remarks:

Hand rails [ X ] Fair Remarks:

Counterweight / [ X ] Good

Bumper

Grill [ X ] Good

Hood [ X ] Good

Exhaust stack [ X ] Good

Pre-cleaner bowl [ X ] Good

Front fenders [ X ] Good

Hyd tank [ X ] Good

Fuel tank [ X ] Good

Car body [ X ] Fair Remarks:

Fenders [ X ] Good

OEM Welds [ X ] Good

Sheet metal [ X ] Fair Remarks:

Paint [ X ] Fair Remarks:

Outside appearance condition summary

Comment:

## Safety condition

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Safety decals in place [ X ] Yes

Operators manual [ X ] Yes

Safety handles [ X ] Good

Seat belt [ X ] Fair Remarks:

Horn [ X ] Good

Back up alarm [ X ] Good

Brake hold [ X ] Good

ROPS Structure [ X ] Good

Guarding [ X ] Good

CAB [ X ] Fair Remarks:

Safety condition summary

Comment:

## Electrical condition

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Computer	<input checked="" type="checkbox"/> Fair	Remarks: <input type="text" value="4 active error codes"/>
ECM'S	<input checked="" type="checkbox"/> Fair	Remarks: <input type="text" value="Needs update"/>
Monitor / Display	<input checked="" type="checkbox"/> Fair	Remarks: <input type="text" value="Slightly scratched"/>
Wiring harness's	<input checked="" type="checkbox"/> Good	
Key switch	<input checked="" type="checkbox"/> Fair	Remarks: <input type="text" value="Needs top of ignition"/>
Switches	<input checked="" type="checkbox"/> Good	
Lighting	<input checked="" type="checkbox"/> Fair	Remarks: <input type="text" value="One out below windshield"/>
Engine preheater	<input checked="" type="checkbox"/> Good	
Batteries / Connections	<input checked="" type="checkbox"/> Good	
Battery disconnect switch	<input checked="" type="checkbox"/> Good	
Electrical condition summary	<input type="text"/>	
Comment:	<input type="text"/>	

### Engine condition

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Oil level OK	<input checked="" type="checkbox"/> Yes
Water in oil	<input checked="" type="checkbox"/> No
Compression	<input checked="" type="checkbox"/> Yes
Blow by	<input checked="" type="checkbox"/> No
Engine knocking	<input checked="" type="checkbox"/> No
CE PLATE	<input checked="" type="checkbox"/> Yes
Oil pressure	<input checked="" type="checkbox"/> Good
Oil leaks	<input checked="" type="checkbox"/> No
EPA DECAL	<input type="checkbox"/> Yes <input type="checkbox"/> No
Turbo charger	<input checked="" type="checkbox"/> Good
Exhaust manifold	<input checked="" type="checkbox"/> Good
Muffler	<input checked="" type="checkbox"/> Good
Fuel injection system	<input checked="" type="checkbox"/> Good
Head gasket	<input checked="" type="checkbox"/> Good
Head	<input checked="" type="checkbox"/> Good
Fan guard	<input checked="" type="checkbox"/> Good
Belts & pulleys	<input checked="" type="checkbox"/> Good
Wiring harness	<input checked="" type="checkbox"/> Good
Starter	<input checked="" type="checkbox"/> Good
Alternator	<input checked="" type="checkbox"/> Good
Seals & gaskets	<input checked="" type="checkbox"/> Fair Remarks: <input type="text" value="Coolant lines tighten"/>

Engine mounts  Good

Brackets  Good

AC Compressor  Good

Air filters  Fair Remarks:

Engine condition summary

Comment:

### Cooling system

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Coolant color

Radiator  Good

Water pump  Good

Oil cooler  Good

Fan  Good

Fan drive  Good

Hoses  Fair Remarks:

Cooling system summary

Comment:

### Hydraulics condition

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Boom cylinders  Fair Remarks:

Stick cylinders  Fair Remarks:

Bucket cylinders  Good

Blade cylinders  Good  Fair  Poor Remarks:

Thumb cylinders  Good  Fair  Poor Remarks:

Pumps  Good

Valves  Good

Hoses  Fair Remarks:

Fittings  Good  Fair  Poor Remarks:

Tank  Good

Swing bearing  Good

Swing gear  Good

Swing motor  Good

Hydraulic swivel  Good

Travel motors  Good

Pump drive  Good

Planetaries left  Good

Planetaries right  Good

Controls  Good  
Overall condition  Good  
Summary   
Comment:

### Boom & arm condition

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Lower stick pins  Fair Remarks:   
Upper stick pins  Good  
Stick condition  Fair Remarks:   
Stick length   
Boom length   
Lower boom pins  Good  
Upper boom pins  Good  
Boom condition  Fair Remarks:   
Summary   
Comment:

### Bucket & other attachments

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Bucket type / Size   
Coupler type   
Bucket serial   
Coupler serial   
Bucket W / Teeth  No  
Addtl attachments   
Bolt on smooth  No  
Bolt on edge  Good  Fair  Poor Remarks:   
Bucket mounts  Good  Fair  Poor Remarks:   
Bucket teeth / Segments  Good  Fair  Poor Remarks:   
Bucket sides  Good  Fair  Poor Remarks:   
Bucket floor  Good  Fair  Poor Remarks:

Bucket bottom       Good  Fair  Poor Remarks:

Coupler               Good  Fair  Poor Remarks:

Boom / Frame         Good  Fair  Poor Remarks:

Boom / Bucket pins & bushings       Fair Remarks:

Summary             

Comment:           

**Undercarriage condition**

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Roller frame right     Good

Roller frame left     Good

Track adjusters       Good

Overall condition     Good

Links left           

Links left           

Internal pin wear left

Internal pin wear left

External pin wear left

External pin wear left

Trackshoe/ Grouser left

Trackshoe/ Grouser left

Front Idler left     

Front Idler left     

Sprockets left       

Sprockets left       

Front Carrier Rollers left

Front Carrier Rollers left

Center Carrier Rollers left

Center Carrier Rollers left

Rear Carrier Rollers left

Rear Carrier Rollers left

Links right

Links right

Internal pin wear right

Internal pin wear right

External pin wear right

External pin wear right

Trackshoe/ Grouser right

Trackshoe/ Grouser right

Front Idler right

Front Idler right

Sprockets right

Sprockets right

Front Carrier Rollers right

Front Carrier Rollers right

Center Carrier Rollers right

Center Carrier Rollers right

Rear Carrier Rollers right

Rear Carrier Rollers right

Bottom rollers S or D

Undercarriage brand

Link part number

Pins & bushings turned

Comment:

**Bottom rollers S or D**

Bottom rollers S or D left (mm) <input type="text"/> mm	Bottom rollers S or D left (%) <input type="text"/>	Bottom rollers S or D right (mm) <input type="text"/> mm
Bottom rollers S or D right (%) <input type="text"/>	Bottom rollers S or D left (mm) <input type="text"/> mm	Bottom rollers S or D left (%) <input type="text"/>
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Comment:

**General Comments**

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Legend (5 star rating) [ ] 5 [ ] 4 [ ] 3 [ ] 2 [ ] 1

Paint general [ ] Good [ ] Fair [ ] Poor Remarks:

Comment: