SR130 SR210
SR160 SR220
SR175 SR250
SV185 SV250
SV300
Tier 4
Alpha Series Skid Steer Loader

TR270
TR320
TV380
Tier 4
Alpha Series Compact Track Loader

OPERATOR'S MANUAL

Part number 47540702
1st edition English
July 2013
Replaces part number 47407051

CASE CONSTRUCTION

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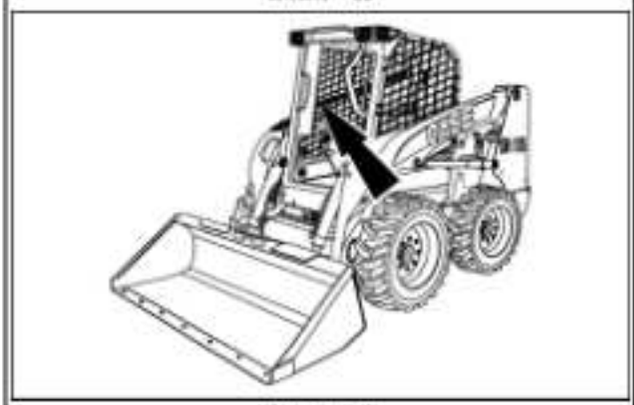
Model	KG / LB	Decal part number
*SR130	590 kg (1300 lb)	84350672
*SR160	725.7 kg (1600 lb)	47466754
*SR175	790 kg (1750 lb)	84350655
*SV185	840 kg (1850 lb)	84350657
*SR210	955 kg (2100 lb)	47481763
*SR220	1000 kg (2200 lb)	84350660
*SR250	1135 kg (2500 lb)	84350661
*SV250	1135 kg (2500 lb)	84350661
*SV300	1360 kg (3000 lb)	84350664
*TR270	1275 kg (2700 lb)	84350666
*TR320	1450 kg (3200 lb)	84350667
*TV380	1725 kg (3800 lb)	84350668

Located on right-hand console (post).
*The Compact Track Loaders (CTL) are rated at **35 %** of tipping capacity and the Skid Steer Loaders (SSL) are rated at **50 %** of tipping capacity.

Decal/placement location



35

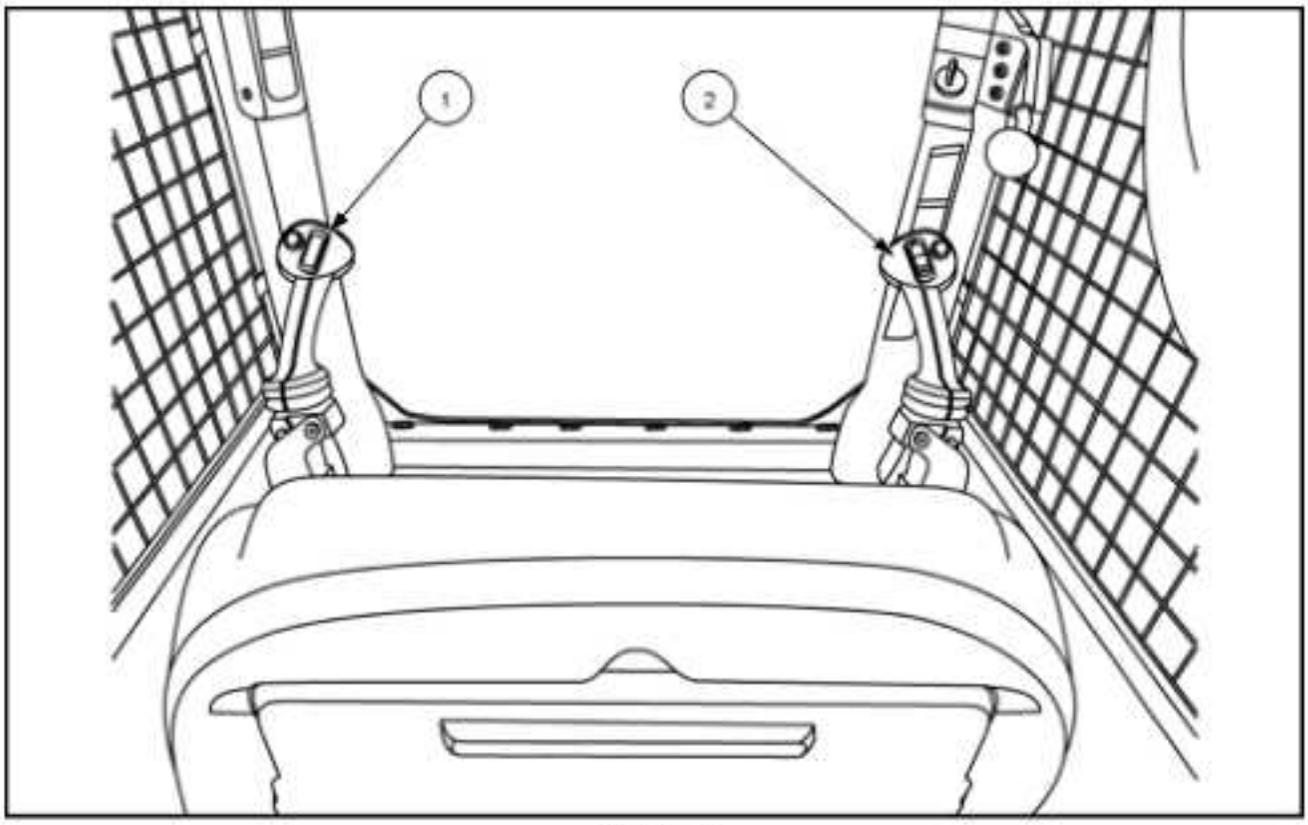


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H control pattern lift arm and bucket controls

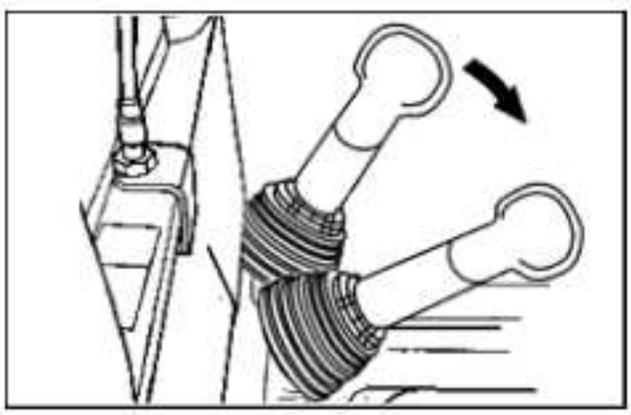
Lift arm raise/lower control



1

Lift arm raise and lower control.

- The left-hand control lever **(1)** controls the lift arm. The lift arm will raise by pivoting the handle "UP" to the outside of the cab. Pivoting the handle "DOWN" to the inside of the cab will lower the lift arm.
- The lift arm spool is equipped with a detented "FLOAT" circuit if the operator wants the lift arm to float over changing ground contour.
  For the Electro-Hydraulic (EH) system, the float is engaged by pressing the float button on the right handle **(2)** and pushing the left handle **(1)** partially to the down stroke. If the operator has the left handle partially in the down stroke position and then presses the float button, the float will engage. To disengage the float, pull the left handle to the up stroke slightly.



2

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MAINTENANCE CHART

Maintenance Chart

Interval	Page no.	Maintenance action	No. of pts.	Cleaning	Check	Grease	Replace	Drain fluid	Change fluid
INITIAL 10 HOURS	4-1	Wheel bolt and nut torque			X				
	7-39	Alternator and air conditioning compressor (if equipped) belt tension for models SR130, SR160, SR175, and SV185 only			X				
EVERY 10 HOURS OR DAILY	7-29	Clean tracks and components		X					
	7-30	Engine and hydraulic coolers			X				
	7-31	Engine coolant level			X				
	7-33	Engine oil level			X				
	7-34	Lift arm, pivot points, coupler pins and cylinder pins				X			
	7-35	Hydraulic oil level			X				
	7-37	Seat belt, lap bar and seat interlock operation check			X				
INITIAL 50 HOURS	7-52	Final drive chain tank oil			X				
EVERY 50 HOURS	7-38	Cab intake filter			X				
	7-39	Alternator and air conditioning compressor (if equipped) belt tension for models SR130, SR160, SR175, and SV185 only			X				
	7-40	Roll Over Protective Structure (ROPS) mechanism and hardware check			X				
INITIAL 100 HOURS	7-56	Final drive oil (track models)							X
EVERY 250 HOURS	7-41	In-line fuel filter for models SR130 and SR160 only					X		
	7-42	Fuel prefilter						X	
	7-43	Drive chain tension check			X				
EVERY 500 HOURS	7-44	Engine oil and filter							X
	7-46	Fuel prefilter					X		
	7-48	Fuel filter					X		
	7-51	Hydraulic oil filter					X		
	7-52	Final drive chain tank oil			X				
	7-54	Air cleaner elements					X		
	7-56	Hardware - loose or damaged			X				
	7-56	Final drive oil (track models)							X
EVERY 1000 HOURS	7-57	Hydraulic fluid and filter							X
	7-57	Final drive chain tank oil							X
	7-59	Oil Mist Separator (OMS) filter for models SR130, SR160, SR175, and SV185					X		
EVERY 2000 HOURS	7-60	Engine coolant drain and flush							X
	7-63	Blowby re-circulation filter for models SR210, SR220, SR250, SV250, SV300, TR270, TR320, and TV380 only					X		
EVERY 4000 HOURS	7-64	Diesel Particulate Filter (DPF)					X		
AS REQUIRED	7-64	Diesel Particulate Filter (DPF)		X					

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