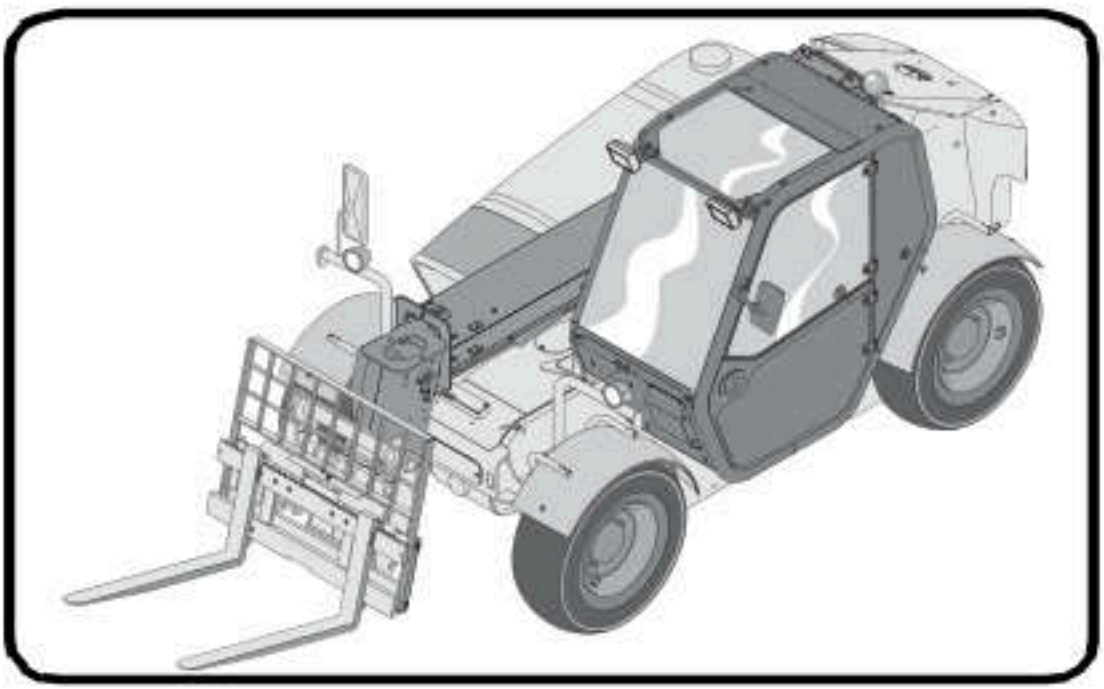
Bobcat

Service Manual
T2556, T2566 Telescopic Handler

T2556: S/N A8FR11001 & Above
T2566: S/N A8G311001 & Above



EQUIPPED WITH BOBCAT INTERLOCK CONTROL SYSTEM (BICS)

6986764-EN (12-07) Revised (2-10)

Printed in Belgium

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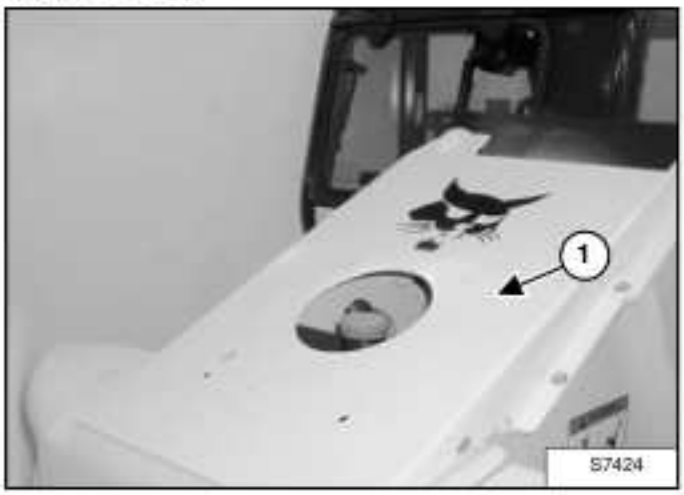
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REAR WEIGHTS

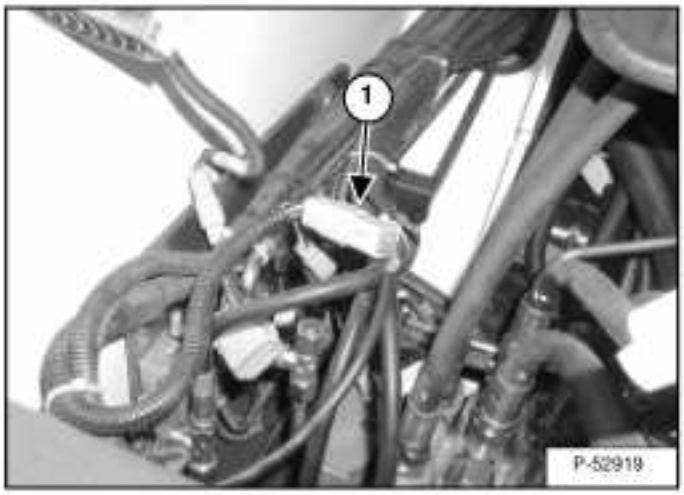
Removal And Installation

Figure 50-100-1



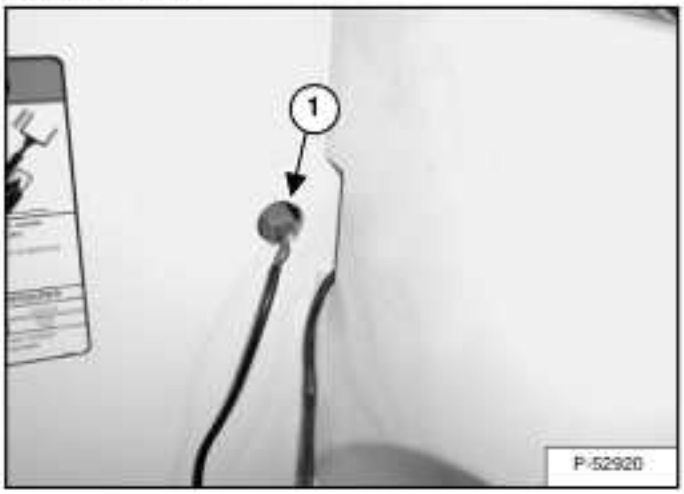
Remove the rear cover (Item 1) **[Figure 50-100-1]**.

Figure 50-100-2



Disconnect the tail light harness connector (Item 1) **[Figure 50-100-2]** from the main harness.

Figure 50-100-3



Remove the tail light harness (Item 1) **[Figure 50-100-3]** from the frame and unplug.

Figure 50-100-4



Position a hoist as shown to lift and support the rear weight **[Figure 50-100-4]**.

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TROUBLESHOOTING

Chart

The following troubleshooting chart is provided for assistance in location and correcting problems which are most common. Many of the recommended procedures must be done by authorised Bobcat Service Personnel only.

PROBLEM	CAUSE
Slow cranking speed.	1, 2, 3, 4
Engine will not start (cold).	2, 5, 6, 7
Engine will not start.	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Difficult to start.	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 18, 19 20, 21
No power for engine.	9, 11, 15, 16, 17, 18, 19, 21, 22, 25, 26, 27
Engine is mis-firing.	11, 15, 16, 17, 18, 19, 20,21, 22, 23, 24
Too much fuel consumption.	7, 16, 17, 18, 20,21, 22, 28, 29, 30
Black exhaust.	16, 17, 18, 19 20, 22, 25, 27
Blue/white exhaust.	4, 7, 16, 18, 19, 22, 31, 32
Low oil pressure.	4, 31, 32, 33, 34, 35, 37, 38, 39, 48, 51
Engine knocking.	4, 5, 17, 18, 19,20, 23, 34, 35, 36, 37, 38
Engine running rough.	7, 8, 9, 10, 11, 12, 13, 14, 20, 21, 22, 25, 26, 27, 28, 29, 40, 52
Vibration	16, 30, 50, 51, 52
High oil pressure warning.	4, 33, 36
Overheating.	18, 19, 20, 22, 25, 31, 33, 46, 47, 48, 49
Too much crankcase pressure.	25, 35, 36, 42
Poor compression.	17, 18, 22, 23, 30, 32, 34, 35, 36, 44
Start and stop.	9, 11, 13, 15, 17, 22, 23, 30
Excessive oil consumption	4, 22, 32, 36, 40, 41, 42, 43, 44, 45

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Performance Specifications

	T2556	T2566
Operating Weight	11023 lbs. (5100 kg)	12412 lbs. (5630 kg)
Maximum Rated Capacity	*5511 lbs. (2500 kg)	*5511 lbs. (2500 kg)
*Rated Load Capacity can change depending on which approved attachment is used		

- Where applicable, specifications conform to SAE, ASME or ISO standards and are subject to change without notice.

Engine

Make/Model	PERKINS 1104D-44TA (Turbo-charged)
Fuel/Cooling	Diesel/Liquid
Horsepower (SAE Net)	100 HP (74.5 kW)
Number of Cylinders	Four
Lubrication	Pressure System W/Filter
Air Cleaner	Dry replaceable cartridge w/safety element
Max Torque (ISO 14396)	410 N•m @ 1400 rpm

Fan Pump

Cylinder capacity	16 cm^3
Max work pressure	(175 bar)
ventilator speed: normal/ reducted (motor 2400 rpm)	3200 rpm
ventilator speed: normal/ reducted (motor 810 rpm)	1100 rpm

Controls

Steering	Steering Wheel w/3 Mode Selections (Front-Wheel, All-Wheel, Crab)
Hydraulics	Joystick w/ switches
Auxiliary Hydraulics	Electric Switches on Joystick
Parking Brake	Hand Operated Lever

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AUCUNE MODIFICATION NE DOIT ETRE EFFECTUEE SANS L'ACCORD DU BUREAU D'ETUDES

Ex: XI104

XI1-- XI2-- XI3-- XI4-- XI5--

XI--4 XI--3 XI--2 XI--1

XVH102 XVB101

Ex: XI501

XI601

X273 SHUNT CEC

CONTACT KEY

6926232

N°	WIRES	CONNECTIONS (XX)/(YY)	LOCALISATION	
XDD1	4W	CEC/CAPTEUR PONT AR	SOUS LA CABINE	**
X20	4W	11/ESSUIE GL. AR	CAB. TOIT	
X21	4W	11/ESSUIE GL. TOIT	CAB. TOIT	
X28A	3W	1/14	CAB.AXE PEDALE	
X28B	3W	1/OPT CREEPER	TAB DE BORD	
X50	12V	1/5	SOUS LA CABINE	**
X55	4W	1/CHAUFFAGE	CAB. AVANT PUPITRE	
X56	6W	1/ESSUIE GL. AV	CAB. AVANT PUPITRE	
X87	24V	1/5	SOUS LA CABINE	**
X87B	12V	1/5	SOUS LA CABINE	**
X87C	4V	1/5	SOUS LA CABINE	**
X89	24V	1/4	SOUS LA CABINE	**
X90	11V	1/11	CAB. COTE BOITE FUSIBLE	
X184	18V	70/62	SOUS LA CABINE	**
X190A	1V	1/6	SOUS LA CABINE	**
X190B	1V	1/6	SOUS LA CABINE	**
X190D	6V	1/6	SOUS LA CABINE	**
X220	3V	71/72	COTE BOITE FUSIBLE	**
X221	2V	1/71	COTE BOITE FUSIBLE	
X222	6V	71/73	COTE CLIM.	
X231	12V	1/JOYSTICK	COTE BOITE FUSIBLE	
07	56V	1/70	CAB.CENTRE D.	
X241	2V	1/..	(Cara barre only canopy us)	
X275	1V	1/..OPT LIBRE (NOT USED)	COTE BOITE FUSIBLE	
X265	6V	1/SHUNT STAB.	COTE BOITE FUSIBLE	
J1A-J1B	24V-28V	1/CONTROLEUR	CAB.CENTRE D.	

XCEC (12V) + XCEC2 (2V)

XCD251+XCD254

XCG252

X1002

X1001

ensemble tableau de bord

MODIF.	DATE	VISA			
Δ	29/04/08	DP	Adh boite fusible et F21 changée p2 et p4	6821	A
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