Utility Vehicle
2200
2200S

Bobcat®
Operation & Maintenance Manual

S/N A59Z11001 & ABOVE (2200 DIESEL)
S/N A59Y11001 & ABOVE (2200 GASOLINE)
S/N A5A111001 & ABOVE (2200S DIESEL)
S/N A5A011001 & ABOVE (2200S GASOLINE)



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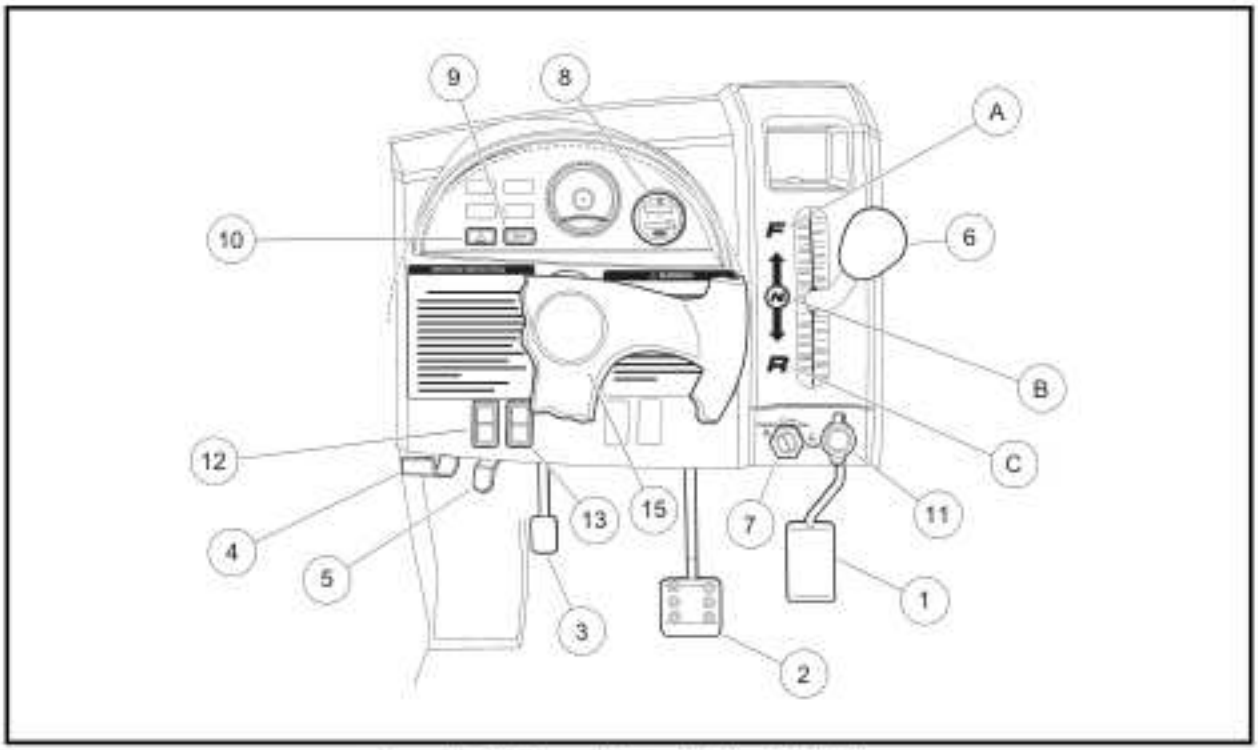


Figure 5 Instrument Panel – Diesel Vehicles

KEY SWITCH – GASOLINE VEHICLES

The key switch (7) is mounted on the instrument panel to the right of the steering column **(Figure 4, Page 14)**. It has three positions: OFF, ON, and START.

To start the vehicle, place the Forward/Reverse handle in the NEUTRAL position and turn the key to the START position, and hold it there until the engine starts. Activate the choke (14) as necessary. If the engine does not start after 10-15 seconds, release the key and repeat the procedure. Once the engine starts, release the key and it will return to the ON position. The engine will idle in neutral.The engine will continue to idle until the key is turned to the OFF position. **See following WARNING, CAUTION, and NOTE.**

⚠ WARNING

- **Moving parts! Keep clear of the engine compartment while the engine is running.**

CAUTION

- **Do not shift the Forward/Reverse handle while the accelerator pedal is pressed. Shift the handle only when the vehicle is at a complete stop and the engine is at idle. Failure to heed this caution could result in damage to the transmission.**

NOTE: *The key can be removed only when the key switch is in the OFF position.*

KEY SWITCH – DIESEL VEHICLES

The key switch (7) is mounted on the instrument panel to the right of the steering column **(Figure 5, Page 15)**. It has four positions: PREHEAT, OFF, ON, and START.

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VEHICLE LOAD CAPACITIES

Maximum Occupant Capacity

The maximum occupant capacity is the maximum allowable weight for occupants (operator and passengers) to operate the vehicle safely.

Gross Trailer Weight

Gross trailer weight is the combination of the trailer weight and the trailer load weight.

Maximum Payload Capacity

The maximum payload capacity is the maximum amount of load that the vehicle can haul in the cargo bed and/or tow in a trailer. The combined weight of bed load and gross trailer weight cannot exceed the vehicle's stated maximum payload capacity.

Vehicle Rated Capacity

The vehicle rated capacity is the maximum amount of weight the vehicle can carry, haul, and tow. This capacity includes weight of occupants, bed load, and gross trailer weight.

Maximum Gross Vehicle Weight

The maximum gross vehicle weight is the combination of the vehicle weight and the maximum vehicle capacity. The stated maximum gross vehicle weight must not be exceeded to maintain safe vehicle operation.

Maximum payload capacity must be reduced accordingly when any option or accessory is installed on the vehicle. **See following NOTE.**

NOTE: *A standard vehicle with a cab accessory that weighs 235 lb. (107 kg) must reduce its maximum payload capacity by 235 lb. (107 kg).*

Refer to **Figure 10** and **Figure 11** for the following specifications.

	2200 GASOLINE AND DIESEL VEHICLES	2200 VEHICLES WITH HIGH CAPACITY OPTION	2200S GASOLINE AND DIESEL VEHICLES
A: Maximum occupant capacity	400 lb. (181 kg)	400 lb. (181 kg)	800 lb. (363 kg)
B + C: Maximum payload capacity	800 lb. (363 kg)	1050 lb. (476 kg)	800 lb. (363 kg)
D: Trailer tongue weight	150 lb. force (667 N)	150 lb. force (667 N)	150 lb. force (667 N)
A + B + C: Maximum vehicle capacity	1200 lb. (544 kg)	1450 lb. (657.6 kg)	1600 lb. (725.6 kg)
A + B + C + Vehicle Weight: Maximum gross vehicle weight	2750 lb. (1247 kg)	3012 lb. (1366 kg)	3350 lb. (1519.1 kg)

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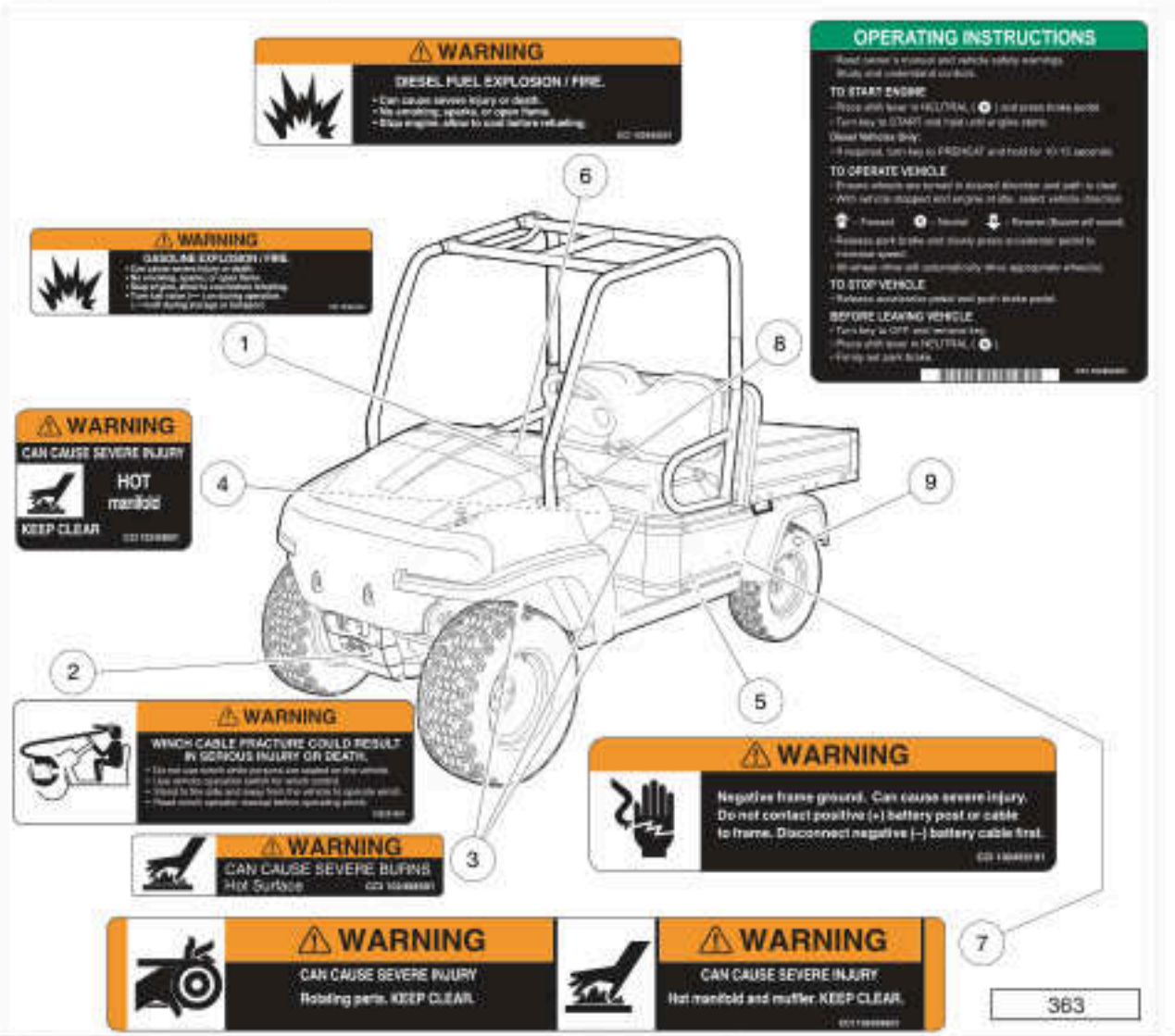
PERIODIC LUBRICATION SCHEDULE

PERIODIC LUBRICATION SCHEDULE

REGULAR INTERVAL	SERVICE	LUBRICATION POINTS	RECOMMENDED LUBRICANT
Gasoline vehicle: Kawasaki engine- First change 10 hours Diesel vehicle: First change 50 hours Additional change for all engines every 100 hours of operation or annually, whichever comes first.	Change engine oil and oil filter	1	**Gasoline (Kawasaki engine) vehicles:** 1 qt. and 19 oz (1.5L) with filter **Diesel vehicles:** 3 qt. (2.8 L) with filter **See Oil Viscosity on page 43.**
Monthly by owner or trained technician	Driveshaft	2	Chassis Lube (EP NLGI Grade 2)
Semiannually by owner or trained technician (or every 50 hours of operation, whichever comes first)	Rear suspension (2 fittings)	3	Chassis Lube (EP NLGI Grade 2)
First change 50 hours – additional change every 100 hours of operation or annually, whichever comes first	Change front differential lubricant	4	5 oz. (150 mL) Bobcat Trans/Differential Fluid (P/N 6687120)
First change 50 hours – additional change every 300 hours of operation or annually, whichever comes first	Change rear differential lubricant	5	20 oz. (600 mL) Bobcat Trans/ Differential Fluid (P/N 6687120)
	Change transmission lubricant	6	20 oz. (600 mL) Bobcat Trans/ Differential Fluid (P/N 6687120)

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2200 GAS/DIESEL VEHICLES



1	101547601	Decal, Gasoline Fuel Warning (at fuel fill or on frame, near fuel tank)	11		
2	102231601	Decal, Winch Safety Warning (on vehicle body, below seat)	12		
3	102458901	Decal, Hot Surface Warning (on coolant pipes and underside of seats) (on bed seat)	13		
4	102459001	Decal, Hot Manifold Warning (on engine, near manifold)	14		
5	102459101	Decal, Ground Warning (on vehicle frame, near battery)	15		
6	102459201	Decal, Diesel Fuel Warning (on frame, near fuel tank)	16		
7	102459501	Decal, Rotating/Hot Parts Warning (on frame near battery)	17		
8	102884301	Decal, Operating Instructions (on instrument panel)	18		
9		Directional Arrow	19		
10			20		

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