

OWNER'S MANUAL SUPPLEMENT
2000 TRAIL BOSS 325
PN 9914990



IMPORTANT: This is a supplement to your owner's manual. This information should remain with your owner's manual at all times.

Specifications

		Trail Boss 325
C A P A C I T I E S	Body Style	Gen II
	Gross Vehicle Weight	845 Lbs.
	Fuel Capacity	3.7 U.S. Gal
	Gearcase Oil	16 Ounces
	Engine Oil Capacity	1.9 quarts includes oil cooler 1.7 quarts engine oil change only
	Front Rack (Maximum - Capacity)	Accessory (75 Lbs.)
	Rear Rack	125 Lbs.
	Tongue Weight	30 Lbs.
	Tow Hitch	Standard
	Tow Capacity	850 Lbs.
	Turn Radius	60"
	Ground Clearance	5.5"
	Height	46"
	Length	71.5"
	Seat Height	34"
	Dry Weight	504 Lbs.
	Wheel Base	49.5"
	Width	44"
D R I V E S Y S T E M	Drive System Type	PVT
	Shift Type	Side Lever (F-R-N)
	Gear Reduction - Low	Not Applicable
	Gear Reduction - Reverse	3.05/1
	Gear Reduction - Forward	2.68/1
	Front Drive (ratio)	Not Applicable
	Final Drive (ratio)	11/42 80P
	Center Drive (ratio)	Not Applicable
	Drive Chain	520 O-Ring
T I R E S	Front Tire	23 x 7-10
	Rear Tire	22 x 11-10
	Tire Pressure (front)	4
	Tire Pressure (rear)	3

		Trail Boss 325
S U S P	Front Susp. - Mac Strut	6.7" Travel
	Rear Susp. - Progresseive Rate Swing Arm	9" Travel
	Shock Adjustment	CAM
B R A K E S	Front Brake	Fixed Disc, Hydraulic Floating Caliper
	Rear Brake	Hydraulic, opposed piston caliper, rear axle fixed disc
	Auxiliary Brake	Hydraulic, opposed piston, caliper, rear axle fixed disc
	Park Brake	Hydraulic lock, all wheel
E N G I N E & C O O L I N G	Engine Model Number	EC-32PFE-02
	Engine Type	4 Cycle, Single Cylinder
	Lubrication	Wet Sump
	Bore x Stroke	78 x 68
	Displacement	325
	Compression Ratio	9.0/1 Effective
	Engine Cooling	Air with fan assisted oil cooler
	Alternator Output (watts)	200
	Carburetion	BST31
	Main Jet	142.5
	Pilot Jet	50
	Needle Jet	P-0 (829)
	Pilot Air Jet	1.75
	Pilot Screw	2.0 turns
	Jet Needle	5F14-2
	Ignition	CDI
	Timing	30° @ 5000 ± 2
	Spark Plug Gap	.9 mm/.036 in.
	Spark Plug Type	BKR6E
	Exhaust	USFS Appr.
L I G H T S	Headlight (on front hood) (watts)	Dual Beam 60/60
	Taillight (watts)	8.26
	Brake Light (watts)	26.9
F E A T U R E S	3-Point Hitch	Not Available
	Battery	12V 14 AH
	DC Plug In - Rear	Accessory
	DC Socket - Forward	Not Available
	Electric Start	Standard
	High Beam Indicator	Standard
	High Temp Indicator	Standard

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F E A T U R E S	Windshield	Accessory
	Low Oil Light	Not Applicable
	Neutral Indicator	Standard
	Reverse Indicator	Standard
	Speedometer	Accessory
	Tool Kit	Standard

**2000 Trail Boss 325
(Engine - ES32PFE02)**

Carburetor Jetting

Altitude	AMBIENT TEMPERATURE	Below +40° F Below +5° C	+40° F & Above +5° C & Above
Meters (Feet)	0-1800 (0-6000)	147.5	142.5
	1800 & above (6000 & above)	140	135

Clutching

Altitude		Shift Weight	Clutch Spring	Driven Helix
Meters (Feet)	0 -1800 (3000-6000)	10RH	Blue/Green	2-2
	1800-3700 (6000-12,000)	16 Mod	Blue/Green	2-2

40° helix, black driven spring

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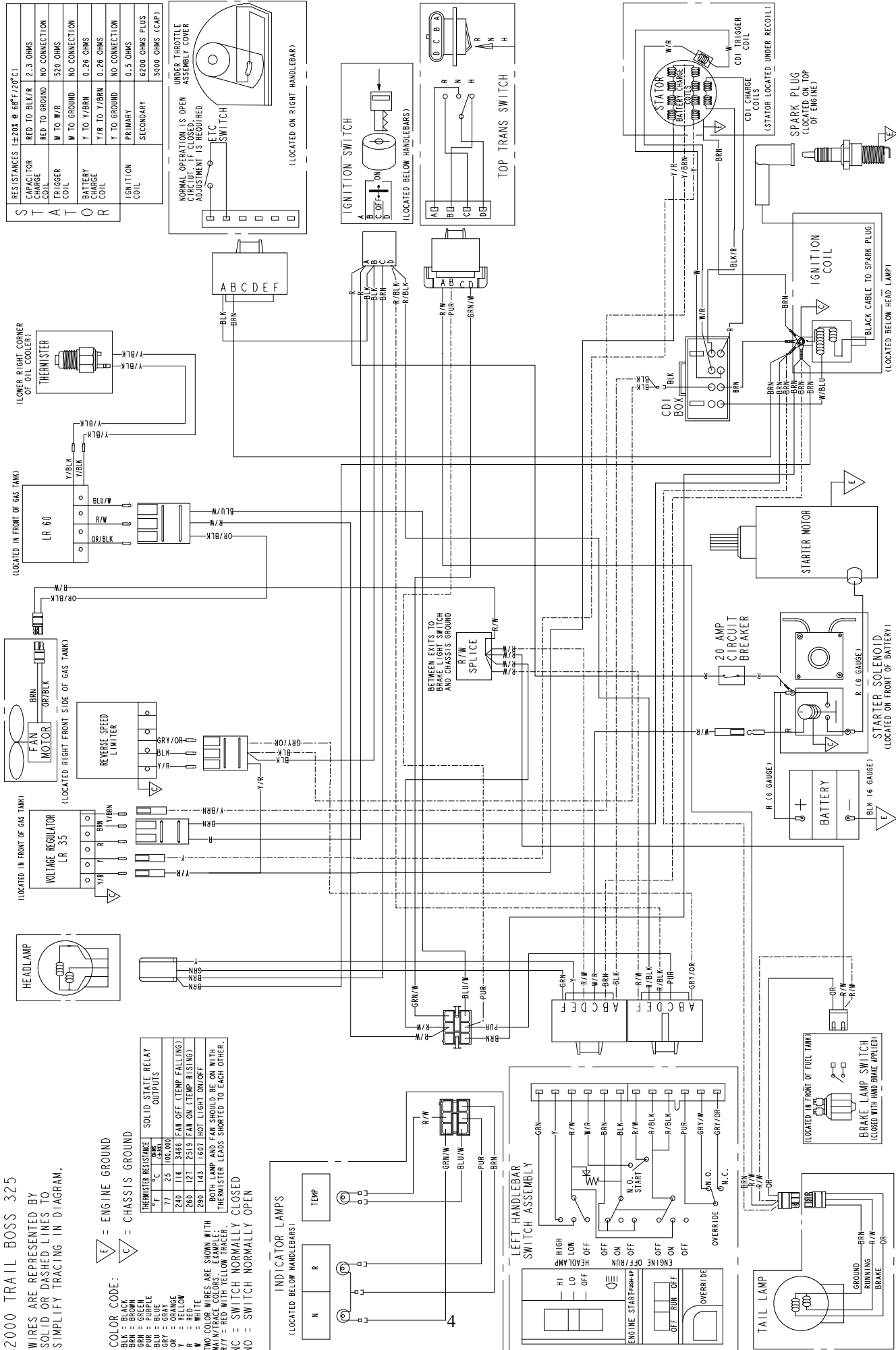
WIRES ARE REPRESENTED BY SOLID OR DASHED LINES TO SIMPLIFY TRACING IN DIAGRAM.

COLOR CODE:
 BLK = BLACK
 BRN = BROWN
 GRN = GREEN
 BLU = BLUE
 GRY = GRAY
 OR = ORANGE
 Y = YELLOW
 W = WHITE

THERMISTOR RESISTANCE		SOLID STATE RELAY OUTPUTS	
°F	°C	OHMS	RELAY STATE
77	25	100,000	OFF
240	116	3466	FAN OFF (TEMP FALLING)
260	127	2519	FAN ON (TEMP RISING)
290	143	1607	HOT LIGHT ON/OFF

TWO COLOR WIRES ARE SHOWN WITH BOTH LAMP AND FAN SHOULD BE ON WITH THERMISTOR LEADS SHORTED TO EACH OTHER.
 RY = RED WITH YELLOW TRACER.
 NC = SWITCH NORMALLY CLOSED
 NO = SWITCH NORMALLY OPEN

△ = ENGINE GROUND
 ▽ = CHASSIS GROUND



S	RESISTANCES (±20% @ 68°F/20°C)
T	CAPACITOR
A	RED TO BLK/R 2.3 OHMS
T	RED TO GROUND NO CONNECTION
T	W TO W/R 520 OHMS
O	W TO GROUND NO CONNECTION
R	Y TO Y/BRN 0.26 OHMS
	Y/R TO Y/BRN 0.26 OHMS
	Y TO GROUND NO CONNECTION
	PRIMARY 0.5 OHMS
	SECONDARY 6200 OHMS PLUS
	5000 OHMS (CAP)

