

**OWNER'S MANUAL SUPPLEMENT  
2000 XPLOER  
PN 9915471**



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

**Specifications**


| <b>Xplorer</b>   |                          |                         |
|--|--------------------------|-------------------------|
| <b>C<br/>A<br/>P<br/>A<br/>C<br/>I<br/>T<br/>I<br/>E<br/>S</b>       | Body Style               | Gen II                  |
|  | Gross Vehicle Weight     | 1015                    |
|  | Fuel Capacity            | 4 U.S. Gallons          |
|  | Gearcase Oil             | 32 Ounces               |
|  | Injector Oil Capacity    | 2 Quarts                |
|  | Front Rack               | 90 Lbs.                 |
|  | Rear Rack                | 180 Lbs.                |
|  | Tongue Weight            | 30 Lbs.                 |
|  | Tow Hitch                | Std                     |
|  | Tow Capacity             | 850 Lbs.                |
|  | Turn Radius              | 60"                     |
|  | Ground Clearance         | 6"                      |
|  | Height                   | 44.5"                   |
|  | Length                   | 73"                     |
|  | Seat Height              | 34"                     |
|  | Weight                   | 534                     |
| Wheel Base   | 49.75"                   |                         |
| Width  | 45.5"                    |                         |
| <b>D<br/>R<br/>I<br/>V<br/>E<br/>S<br/>Y<br/>S<br/>T<br/>E<br/>M</b> | Drive System Type        | PVT                     |
|  | Shift Type               | Side Lever (Hi/Low-N-R) |
|  | Gear Reduction - Low     | 6.69/1                  |
|  | Gear Reduction - Reverse | 5.17/1                  |
|  | Gear Reduction - Forward | 3.34/1                  |
|  | Front Drive (ratio)      | 2:1                     |
|  | Final Drive (ratio)      | 12/42 82P               |
|  | Center Drive (ratio)     | Not Applicable          |
| Drive Chain  | 520 O-Ring               |                         |
| <b>T<br/>I<br/>R<br/>E<br/>S</b>                                     | Front Tire               | 23 x 7-10               |
|  | Rear Tire                | 24 x 11-10              |
|  | Tire Pressure (front)    | 4                       |
|  | Tire Pressure (rear)     | 3                       |

| <b>Xplorer</b>   |   |   |
|--|---|---|
| <b>S<br/>U<br/>S<br/>P</b>   | Front Susp. - Mac Strut                 | 6.7   |
|  | Rear Susp. - Progressive Rate Swing Arm | 9.0   |
|  | Shock Adjustment                        | CAM   |
| <b>B<br/>R<br/>A<br/>K<br/>E<br/>S</b>   | 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                               |
| <b>E<br/>N<br/>G<br/>I<br/>N<br/>E<br/>&amp;<br/>C<br/>O<br/>O<br/>L<br/>I<br/>N<br/>G</b> | Engine Model Number                     | EC-25PFE-12   |
|  | Engine Type                             | 2 Cycle, Single Cylinder                                |
|  | Lubrication                             | Oil Injection   |
|  | Bore x Stroke                           | 72 x 60   |
|  | Displacement                            | 244   |
|  | Compression Ratio                       | 6.1/1 Effective   |
|  | Engine Cooling                          | Air   |
|  | Alternator Output (watts)               | 150   |
|  | Carburetion                             | 1/VM30SS  |
|  | Main Jet                                | 130   |
|  | Pilot Jet                               | 40  |
|  | Needle Jet                              | 0-4 (169)   |
|  | Cut Away                                | 2.0   |
|  | Air Screw                               | 1.0   |
|  | Jet Needle                              | 5DP7-3  |
|  | Ignition                                | CDI   |
|  | Timing                                  | 25° @ 3000  |
|  | Spark Plug Gap                          | .7 mm/.028 in.  |
| Spark Plug Type  | NGKBR8ES                                |   |
| Exhaust  | USFS Approval Pending                   |   |
| <b>L<br/>I<br/>G<br/>H<br/>T<br/>S</b>   | Headlight (handlebar)                   | 1 dual beam, 60/60                                      |
|  | Taillight (watts)                       | 8.26  |
|  | Brake Light (watts)                     | 26.9  |

| Xplorer  |                     |           |
|--|---------------------|-----------|
| <b>F<br/>E<br/>A<br/>T<br/>U<br/>R<br/>E<br/>S</b> | Battery             | 12V 14 AH |
|  | DC Plug In - Rear   | Accessory |
|  | DC Socket - Forward | Accessory |
|  | Electric Start      | Standard  |
|  | High Beam Indicator | Standard  |
|  | High Temp Indicator | Standard  |
|  | Windshield          | Accessory |
|  | Low Oil Light       | Standard  |
|  | Neutral Indicator   | Standard  |
|  | Reverse Indicator   | Standard  |
|  | Speedometer         | Accessory |
|  | Tool Kit            | Standard  |

**2000 Xplorer  
(Engine - EC-25PFE-12)  
Carburetor Jetting**

| Altitude      | Ambient Temperature    | Below 0°F (Below -18°C) | 0° to 40°F (-18°C to +5°C) | +40° to +80°F (+5°C to +26°C) | +80°F & Above (+26°C & Above) |
|---------------|------------------------|-------------------------|----------------------------|-------------------------------|-------------------------------|
| Meters (Feet) | 0-900 (0-3000)         | <b>150</b>              | <b>140</b>                 | <b>130</b>                    | <b>120</b>                    |
|               | 900-1800 (3000-6000)   | <b>140</b>              | <b>130</b>                 | <b>120</b>                    | <b>110</b>                    |
|               | 1800-2700 (6000-9000)  | <b>125</b>              | <b>120</b>                 | <b>110</b>                    | <b>100</b>                    |
|               | 2700-3700 (9000-12000) | <b>115</b>              | <b>110</b>                 | <b>100</b>                    | <b>95</b>                     |

 turn Air Screw out 1/2 turn CCW from seat  
Raise needle clip 1 position to lower jet needle

| Altitude      | Shift Weight           | Drive Clutch Spring | Driven Clutch Spring | Helix*        |                   |
|---------------|------------------------|---------------------|----------------------|---------------|-------------------|
| Meters (Feet) | 0-1800 (0-6000)        | F (5630515)         | Blue/Green (7041157) | Red (7041198) | 40° (5131446) 2/2 |
|               | 1800-3700 (6000-12000) | 16 Mod (5630280)    | Blue/Green (7041157) | Red (7041198) | 40° (5131446) 2/1 |

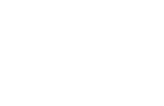
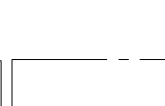
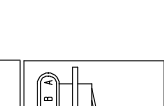
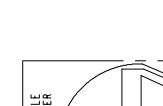
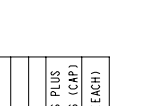
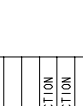
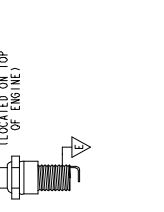
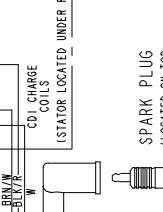
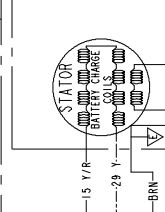
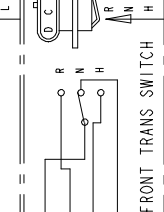
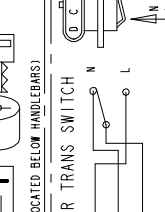
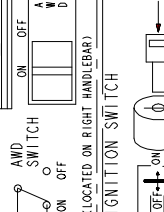
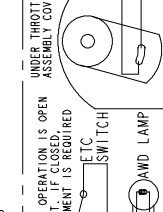
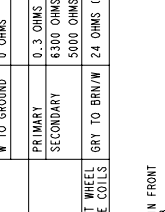
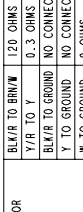
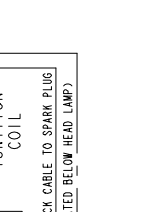
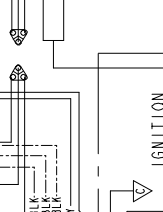
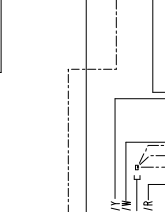
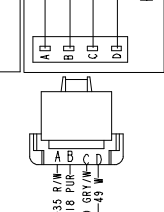
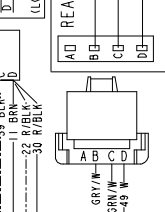
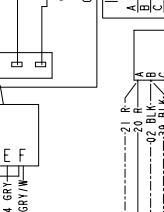
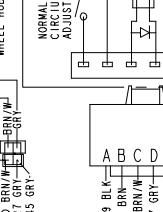
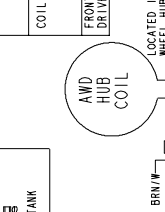
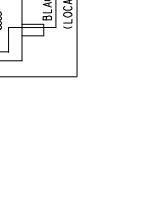
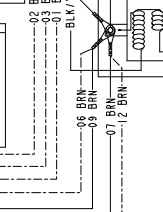
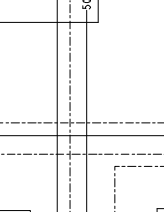
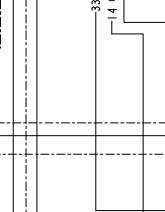
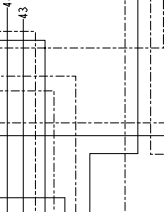
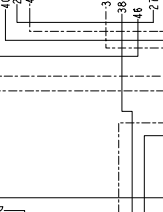
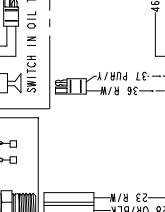
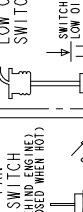
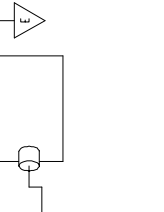
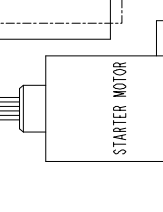
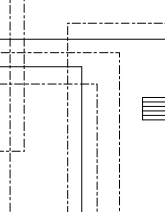
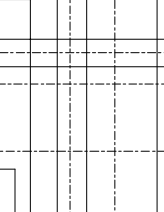
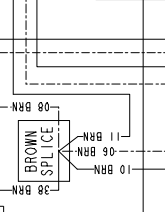
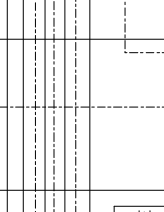
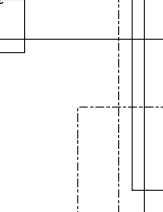
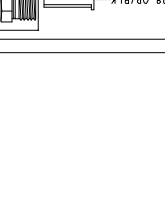
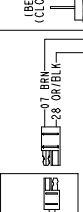
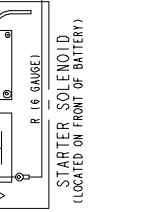
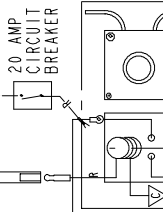
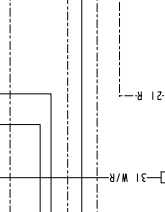
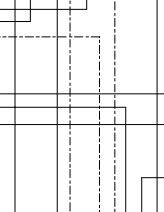
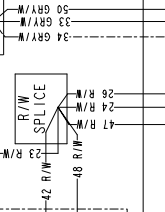
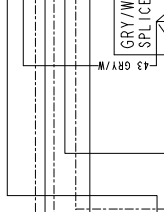
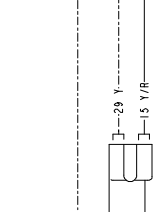
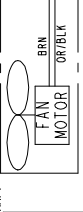
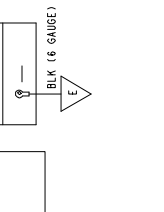
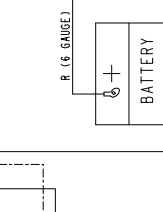
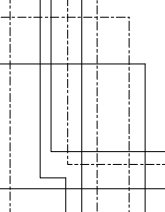
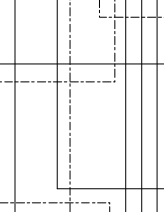
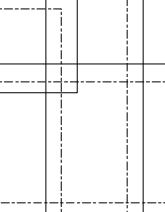
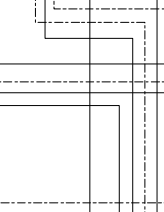
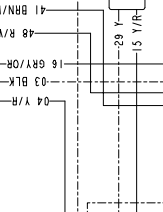
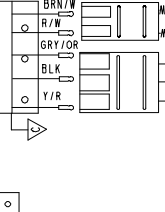
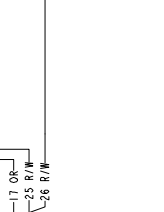
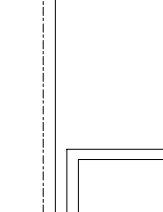
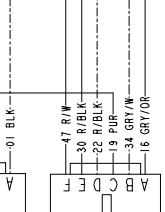
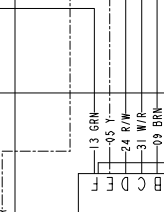
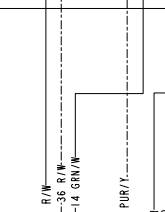
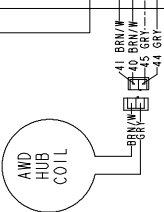
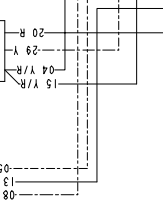
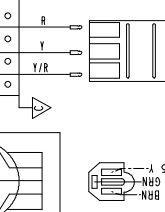
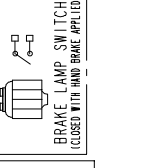
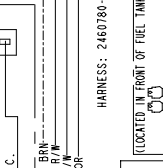
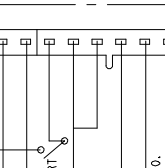
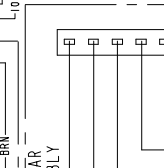
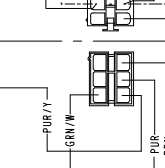
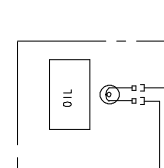
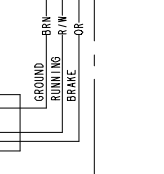
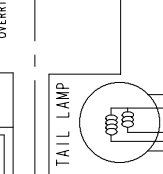
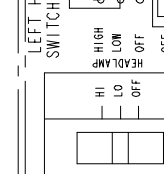
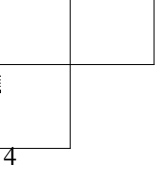
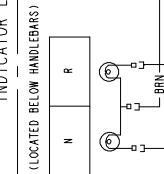
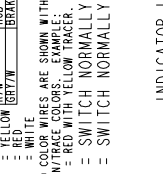
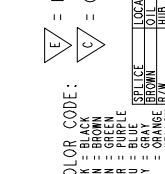
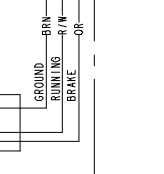
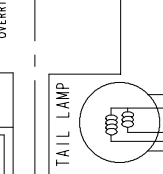
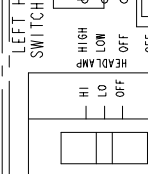
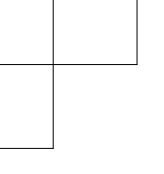
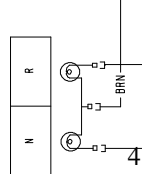
PN 9915471 Rev 01 5/99  
Printed in U.S.A.

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

COLOR CODE:  
 BLK = BLACK  
 BRN = BROWN  
 PUR = PURPLE  
 BLU = BLUE  
 GRY = GRAY  
 Y = YELLOW  
 R = RED  
 W = WHITE

TWO COLOR WIRES ARE SHOWN WITH SOLID OR DASHED LINES TO SIMPLIFY TRACING IN DIAGRAM.  
 NC = SWITCH NORMALLY CLOSED  
 NO = SWITCH NORMALLY OPEN

INDICATOR LAMPS  
 (LOCATED BELOW HANDLEBARS)



|                                |                  |
|--------------------------------|------------------|
| RESISTANCES (±20% @ 68°F/20°C) |                  |
| STATOR                         |                  |
| BLK/P TO BRN/W                 | 120 OHMS         |
| Y/R TO Y                       | 0.3 OHMS         |
| BLK/P TO GROUND                | NO CONNECTION    |
| Y TO GROUND                    | NO CONNECTION    |
| W TO GROUND                    | 0 OHMS           |
| COIL                           |                  |
| PRIMARY                        | 0.3 OHMS         |
| SECONDARY                      | 6300 OHMS PLUS   |
| FRONT WHEEL DRIVE COILS        | 5000 OHMS (EACH) |
| FRONT WHEEL DRIVE COILS        | 24 OHMS (EACH)   |

