

# BRP-Powertrain

## MAINTENANCE MANUAL

| Points of Inspection                                                                                                                                                                                                                                         | Interval<br>Operating hours  |                 | Chapter<br>Reference                | Signature |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------|-------------------------------------|-----------|
|                                                                                                                                                                                                                                                              | as<br>indicated              | 100 hr.         |                                     |           |
| 8.) Checking the carburetors                                                                                                                                                                                                                                 |                              |                 |                                     |           |
| Checking the idle speed.                                                                                                                                                                                                                                     |                              | X               | 12-20-00<br>sec.10.3.1)             |           |
| Checking the ventilation of the float chambers. Any trouble with the float chamber ventilation impairs engine and carburetor function and must therefore be avoided.<br>Check that the passage of the ventilation lines is free and that no kinks can arise. | 200 hr.                      |                 |                                     |           |
| Check for free movement of the carburetor actuation (throttle lever and starting carburetor).<br>Check that the bowden cable allows the full travel of the throttle lever from stop to stop.                                                                 |                              | X               | 12-20-00<br>sec. 10.5)              |           |
| Removal/assembly of the two carburetors for carburetor inspection.                                                                                                                                                                                           | every 200 hr.                |                 | Heavy MM<br>73-00-00<br>sec. 3.1)   |           |
| Check carburetor synchronization. Mechanical or pneumatic synchronization.                                                                                                                                                                                   |                              | X               | 12-20-00<br>sec. 10.2)              |           |
| Inspect the float chamber assy. for contamination and corrosion.                                                                                                                                                                                             | annual inspection            |                 | 12-20-00<br>sec. 10.5)              |           |
| 9.) Inspecting carburetor sockets and drip tray                                                                                                                                                                                                              |                              |                 |                                     |           |
| Inspect the carburetor sockets for damage and abnormalities, checking for cracks, wear and good condition.<br>Take note of changes caused by temperature influence.<br><br>( <sup>1</sup> See SB-912-030 - latest edition.                                   | every 200 hr. ( <sup>1</sup> |                 | Heavy MM<br>73-00-00<br>sec. 3.4.3) |           |
| 10.) Spark plug connectors                                                                                                                                                                                                                                   |                              |                 |                                     |           |
| Check that resistance spark plug connectors fit tightly on the spark plugs.<br>Minimum pull-off force is 30 N (7 lb).                                                                                                                                        | every 200 hr.                |                 |                                     |           |
| 11.) Spark plugs                                                                                                                                                                                                                                             |                              |                 |                                     |           |
| Remove all spark plugs, check the heat range designation, clean, check electrode gap and adjust if necessary. Check electrode gap and adjust as necessary. Replace as required.                                                                              |                              | X               | 12-20-00<br>sec. 14.2)              |           |
| Replacing spark plugs.                                                                                                                                                                                                                                       | every 200 hr.                | X( <sup>1</sup> | 12-20-00<br>sec. 14.2)              |           |
| ( <sup>1</sup> use of leaded fuel more than 30% of operation.                                                                                                                                                                                                |                              |                 |                                     |           |
|                                                                                                                                                                                                                                                              |                              |                 |                                     |           |