

CONFIDENTIAL

1N-Horse
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DRIVEABILITY DIAGNOSIS PROCEDURE FOR V-45'S

1. Adjust valve clearance to 0.12mm. (.127mm = .005")

2. Check for air leaks at the individual intake manifolds.

3. Check spark plug condition and gap at .032-.035."

4. Check choke cable operation for full release; problem could be overly rich condition.

5. Test ride.

6. Drain float bowls twice, providing a good flush of contaminants.

7. For Magna's, check fuel line from pump to carburetors for restrictions or kinks at an area close to the pump.

8. Check carburetor synchronization.

9. Test ride.

10. Check and adjust float level; Sabre 8.3mm and Magna 7.2mm.

11. Perform idle drop procedure.

12. Test ride.

13. Check cylinder compression and test leak down.

14. Test ride and apply choke in small increments, noting any improvement in engine performance. This would indicate that problem is still most likely in the carburetor system.

15. If application of choke does not help, a thorough investigation of the ignition system is necessary (air gaps, spark units).

16. Dealer must get DSM approval for carburetor replacement.