



# Tri-County Microd Club

## HONDA TECH INSPECTION WORK SHEET

Honda 200

Class: MR1 / CAMMER

Name: \_\_\_\_\_ Car #: \_\_\_\_\_ Date: \_\_\_\_\_

Finish Position: \_\_\_\_\_

Check OK

|    |  |  |
|----|--|--|
| 1  | Exhaust: MR1- Stock exhaust, or 3/4" EMT conduit pipe only, max length 16" measured from the outside radius from flange to end of pipe. Cammer - any pipe. |  |
| 2  | Visual check- OEM air cleaner and OEM style paper filter.  |  |
| 3  | Carburetor- OEM unaltered, for year and model of engine  |  |
| 4  | Stamped restrictor plate passes club-no-go gauge AND is stamped with correct number. (none for Cammer)   |  |
| 5  | Carburetor Bore: Throttle end = 0.750  |  |
| 6  | Venturi Bore: Go= No Go= 0.575   |  |
| 7  | Main Jet: Honda #72 #76 #78  |  |
| 8  | Emulsion tube: Length 1.176 min. / upper flange to venturi end 0.271 min. No shimming tube to lower height in venturi                                      |  |
| 9  | Valve Lift Retainer with zero clearance: 0.242 max   |  |
| 10 | Remove cooling shrouds- check for all pieces installed. No metal added or subtracted.  |  |
| 11 | Camshaft; OEM Honda, no alterations. Compression release intact  |  |
| 12 | Camshaft: Remove camshaft and test in jig /weight 502 grams min./ pass move on / fail reinstall and measure cam with degree wheel and dial indicators.     |  |
| 13 | Push Rod Length 5.279 max  |  |
| 14 | Visually inspect rocker arms, pivots, and studs for alteration.  |  |
| 15 | Coil: Check magneto holes for enlarging.   |  |
| 16 | Coil Mounting Bolts: Stock 6mm 1-1/16" long / No thread 0.206 min.   |  |
| 17 | Cylinder Head: Head gasket inner rim thickness = 0.007 min.  |  |
| 18 | Valve spring retainers' thickness 0.228 min  |  |
| 19 | Valve spring retainer flange thickness: 0.110 max  |  |
| 20 | Springs: Wire Diameter= 0.071 max.   |  |
| 21 | O.D. 0.790 max, # of coils = 5.3, max. free length 1.220   |  |
| 22 | Pressure: 10.8 lbs. max @ inches (0.850)   |  |
| 23 | Valve: Single angle= 45 degrees unaltered  |  |
| 24 | Single 45-degree angle valve seats/Valve guides are not to be pressed flush with port floor.   |  |

Tech Official Signature: \_\_\_\_\_

Engine: \_\_\_\_\_ Pass

\_\_\_\_\_ Fail (rev 6/2020)

|    |  |  |
|----|--|--|
| 25 | Spark plug: NGK: BPR6ES) (CHAMPION: 415) (AUTOLITE: 63) (AC DELCO: R42XLS)           |  |
| 26 | Head thickness: gasket surface to valve cover surface 2.880 min.                     |  |
| 27 | Ports- stock "AS CAST"- Single 45-degree angle valve seats                           |  |
| 28 | Block: Bore = 2.682 max Stroke = 2.15 max  |  |
| 29 | Top of Piston Deck: .020 min. below deck   |  |
| 30 | Plastic fan- GX200 all blades intact   |  |
| 31 | Check flywheel and crankshaft key-ways for alterations                               |  |
| 32 | Check key for alteration MR1 / CAMMER up to 8 degrees                                |  |
| 33 | Check flywheel magnet and screw for alteration                                       |  |
| 34 | Check flywheel weight: 5lb.4 oz min. with magnet                                     |  |
| 35 | Check flywheel diameter magnet area - 6.285 min.                                     |  |
| 36 | Crankcase cover: Stock "AS CAST"   |  |
| 37 | Piston: Stock Honda standard size no alterations. Triangle or Dot towards push rods  |  |
| 38 | Piston Weight: With rings and retainers 145grams min                                 |  |
| 39 | Height: 1.920 min. dished piston   |  |
| 40 | Skirt diameter= 2.674 min 2.678 max (perpendicular to pin)                           |  |
| 41 | Wrist Pin: O.D.= 0.708 ref. I.D.= 0.556 ref. length 2.120 min. Weight: 40 grams min. |  |
| 42 | Rings: Stock Honda / must have all the rings in place.                               |  |
| 43 | Connection Rod: Big end I.D.- 1.176 min 1.184 max                                    |  |
| 44 | Small end bore= 0.710  |  |
| 45 | Length- near edges of bore= 2.360 min 2.380 max                                      |  |
| 46 | Weight with bolts: 140 grams min   |  |
| 47 | Crankshaft: Stock Honda no alterations.  |  |
| 48 | Tappets: Stock Honda no alterations. Base Diameter= 0.935 min                        |  |
| 49 | Base thickness= 0.073 min - 0.083 max  |  |
| 50 | Length= 1.180 min- 1.220 max Weight= 16 grams min                                    |  |
| 51 | Block Stock Honda "AS CAST".   |  |

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