

## Tri-County Microd Club HONDA TECH INSPECTION WORK SHEET

Honda 200 Class: MR1 / CAMMER

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

Exhaust: MR1- Stock exhaust, or ¾" EMT conduit pipe only, max length 16" measured from the outside radius from flange to end of pipe. Cammer - any pipe.  Visual check- OEM air cleaner and OEM style paper filter.  Carburetor- OEM unaltered, for year and model of engine  Stamped restrictor plate passes club-no-go gauge AND is stamped with correct number. (none for Cammer)  Carburetor Bore: Throttle end = 0.750  Venturi Bore: Go= No Go= 0.575  Main Jet: Honda #72 #76 #78  Emulsion tube: Length 1.176 min. / upper flange to venturi end 0.271 min. No shimming tube to lower height in venturi  Valve Lift Retainer with zero clearance: 0.242 max  Remove cooling shrouds- check for all pieces installed. No metal added or subtracted.  Camshaft; OEM Honda, no alterations. Compression release intact  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.  Push Rod Length 5.279 max  Visually inspect rocker arms, pivots, and studs for alteration.  Coil: Check magneto holes for enlarging.  Coil Mounting Bolts: Stock 6mm 1-1/16" long / No thread 0.206 min.  Valve spring retainers' thickness 0.228 min  Valve spring retainers' thickness: 0.110 max  Springs: Wire Diameter= 0.071 max.  O.D. 0.790 max, # of coils = 5.3, max. free length 1.220  Pressure: 10.8 lbs. max @ inches (0.850)  Valve: Single angle= 45 degrees unaltered  Single 45-degree angle valve seats/Valve guides are not to be pressed flush with port floor.	Fir	nish Position: Check OK
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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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Tech Official Signature:	Engine:	Pass	Fail (	rev 6/2	202	0)
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