

MS-2 COMPETITION PARTS FOR HONDA CIVIC 1200

ORD. NR.	PARTS NR.	COMMODITY
MS2-1	12200-MS2-0000	CYLINDER HEAD KIT Includes valves and valve springs. Intended for use with MS2 piston kit for adequate compression ratio.
MS2-2	12100-MS2-0000	SPARE CYLINDER HEAD ASSY
MS2-3	14700-MS2-0000	SPARE VALVE SET IN & EX 4pcs each.
MS2-4	14760-MS-2-0000	SPARE VALVE SPRING SET IN & EX 8pcs each.
MS2-5	14111-MS2-0000	CAMSHAFT Intended for use on MS2 or equivalent engine. Supreme results in group-2 competition. Used with MS2-6 to work off 100 percent. Inapplicable on normal road. Valve timing 25 25 25 1mm lifted.
MS2-6	14211-MF318-0010	DRIVEN PULLEY Indispensable for quick and accurate valve timing tune in race.
MS2-7	12251-MS2-0000	CARBON GASKET, CYLINDER HEAD Intended to put up with high compression. No more blowing.
MS2-8	13200-MF318-0000	CON-ROD KIT W/SPL BOLTS & NUTS Exceptionally good for severe race. On every overhaul followings are available for replacement
MS2-9	13213-MF318-0000	SPL BOLT
MS2-10	13214-MF318-0000	SPL NUT
MS2-11	13211~13217-634-960	CON-ROD BEARING KIT (8pcs)
MS2-12	13321~13327-MF318-0031	MAIN BEARING KIT (8pcs) Available in 7 sizes. Please indicate the measurements of crank pin and main journal part (measured by micro-meter). Distributors are requested to carry full range of the sizes.
MS2-13	13100-MS2-0000	73mm PISTON KIT Highest quality forged pistons (4) rings (8) pins (4) clips (8) Kit consists of following parts
MS2-14	13101-MS2-0000	73mm PISTON, pc Stock cylinder head cannot be used without bore-up to 73mm. Combination with MS2 tuned cylinder head is recommended.
MS2-15	13121-MF318-0000	PISTON TOP RING
MS2-16	13141-MF318-0000	PISTON OIL RING
MS2-17	13111-MS1-0020	PISTON PIN
MS2-18	94601-17000	PISTON PIN CLIP
MS2-19	13310-MF318-0100	8-WEIGHT CRANKSHAFT Offers better durability and silky turn of power unit.
MS2-20	16100-MF318-0000	CR-4 CARBURETOR KIT
MS2-21	17000-MS2-0000	INTAKE MANIFOLD KIT W/THERMOSTAT KIT
MS2-22	30000-MS1-0000	SPL DISTRIBUTOR DRIVE KIT Honda racers cannot have existed without Keihin CR carburetors. Require 90° distributor drive for carburetor clearance.
MS2-23	R001-002-2000	SPARE MAIN JET No.130 No.135 No.145 No.150
MS2-24	18100-MS2-0000	EXHAUST KIT 4-2-1 efficient ex-manifold + ex-pipe really works with CR carburetors. Include all necessary mounting wear.
MS2-25	13811-MS2-0000	DRIVE PULLEY, AC GENERATOR Unnecessary for sprint race due to battery ignition. Lowered reduction ratio to increase durability of generator. For rally and endurance race use.
MS2-26	30700-MS2-0000	PLUG CAPS+HIGH TENSION CODE KIT
MS2-27	22000-MS2-0000	SPL RACING CLUTCH KIT Include friction disc and flywheel set. Definitely live with high power and RPM.
MS2-28	22200-MF318-0000	SPARE FRICTION DISC

MS2-29	15400-MS2-0000	OIL STRAINER & COOLING KIT W/O OIL RADIATOR Include SPL oil filter case, filter set, oil joint SPL bolts, hose joints, oil hose, oil filter base shell, oil radiator bolts and oil adapter bolt. SPARE OIL FILTER
MS2-30	15461-551-315	SP L OIL PUMP KIT
MS2-31	15100-MS2-0000	FUEL PUMP COVER
MS2-32	16702-MS2-0000	Block-off plate after removing mechanical fuel pump for electric fuel pump.
MS2-33	14000-MS2-0000	WATER PUMP & TIMING BELT ADJUSTER KIT Kit consists of following parts.
MS2-34	14400-MS2-0000	SPARE TIMING BELT
MS2-35	14500-MS2-0001	SPARE TIMING BELT ADJUSTER A
MS2-36	14510-MS2-0000	SPARE TIMING BELT ADJUSTER B
MS2-37	19200-MS2-0000	SPARE WATER PUMP
MS2-38	45000-MS2-0000	FRONT DISC BRAKE KIT Recommended to use with MS2-45. Kit consists of following parts.
MS2-39	45251-MS2-0000	SPARE DISC PLATE L+R SET
MS2-40	45210-MS2-0000	SPARE CALIPER ASSY R
MS2-41	45230-MS2-0000	SPARE CALIPER ASSY L
MS2-42	45022-MS2-0000	SPARE DISC BRAKE PAD 1pc.
MS2-43	51211-MS2-0000	SPARE KNUCKLE R
MS2-44	51216-MS2-0000	SPARE KNUCKLE L
MS2-45	50000-MS2-0000	MS2 SUSPENSION KIT Require: leather camber adjustment or use with MS2-43/44 knuckles R&L. Include 4 dampers, 4 coil springs, lower arms R&L, 2 lower arms, 2 radius rods, 2 radius rod yokes and 2 stabilizer springs. Damper & coil spring kit or stabilizer alone is available on following order numbers.
MS2-46	51600-MS2-0000	DAMPER & COIL SPRING KIT
MS2-47	51300-MS2-0000	FRONT STABILIZER 18mm
MS2-48	52300-MS2-0000	REAR STABILIZER 16mm
MS2-49	50800-MS3-0000	ENGINE MOUNT KIT
MS2-50	74000-MS2-0000	ACRYL WINDOW KIT FOR 2-DOORS MODEL
MS2-51		FIBERGLASS BONNETT
MS2-52		FIBERGLASS TRUNK
MS2-53	67201-MS2-0000	FRONT WINDOW, REINFORCED GLASS Where laminated glass is not obtainable.
MS2-54	61000-MS2-0000	OVERFENDER KIT
MS2-55	00003-MS2-0000	FRONT SKIRT
MS2-56	00004-MS2-0000	REAR WING KIT Require concurrent use of these aerodynamically tested devices for better effect. Shortened by 4secs at Suzuka Circuit-6km.
MS2-57	53040-MS3-0000	STEERING GEAR BOX L or R drive. Gear ratio 15:1, please indicate L or R in order form.
MS2-58	41200-MS-R	LIMITED SLIP DIFFERENTIAL R-KIT W/SPL BOLTS Intended for serious race use only
MS2-59		NGK SPARK PLUGS "RACING" Wide range type. B-10-EV or B-9-EV, B-8-EV
MS2-60	51000-MR2-0000	MR2 RALLY SUSPENSION KIT Include 4 gas-type dampers and 4 coil springs set. Recommend to use together with RALLY KNUCKLE L & R SET.
MS2-61	51210-MR1-0000	RALLY KNUCKLE L & R SET

FIA HOMOLOGATION (Nos. 5531, 5531 2/2V, 5531 1/1V) has been made on Honda Civic 1200 model in Group-1. Some parts are allowed to be changed or modified within Mogen MS-1 range or with some of MS-2 parts for Group-1 entry. Please refer to FIA regulation Appendix "J" and consult with each organizer. MS-2 modification is included in Group-2. MS-3 has been homologated by JAF to run in Group-2. Honda Civic homologation paper is available at ¥2,000.

Prices are subject to change without notice. No claim shall be accepted.

MUGEN COMPLETE CAR MS-2-MS-3

Layout	Front engine/front drive
Body: Honda Civic 1200 2-door model	
Front window	Reinforced laminated glass
Rear, door, quarter windows	Plastic
Bonnet & trunk	Fiberglass
Overfenders	Fiberglass
Rear wing & front skirt	Fiberglass
F & R bumpers	Fiberglass
Transmission	Dog type 5-speed
Gear ratios: 5th	1.00
4th	1.14
3rd	1.42
2nd	1.82
1st	2.54
Reverse	2.97
Final drive ratio	4.06
Differential	Racing type limited slip
Suspension	Mugen SPL formula type
Brake system	Front disc/rear drum
Steering gearbox	Mugen SPL 15:1 gear ratio
Anti sway bar	4-point
Engine mount	Mugen SPL
Fuel tank	40-litre safety rubber tank w/aluminum container
Oil tank	8-litre aluminum tank
Oil-cooler set	Mugen SPL
Radiator	CIVIC 1500
Steering wheel	Mugen SPL 360mm
Seats	SPL
Seat belt	5-point
Instrumentation	Mugen SPL fiberglass instrument panel with tachometer 12000rpm
Wheels	oil temp meter 110°c, water temp meter 150°c
Tyres: Front	Mugen SPL magnesium 13X9J Sic 225/515-13
Rear	Sic 180/515-13

MUGEN CO., LTD. -Builders of competition power units

Hirotooshi Honda	-President Son of Dr. Soichiro Honda, well known industrial designer and racing car builder
Nobuhiko Kawamoto	-Chief Design Advisor Chief designer of Honda R&D Co., Ltd. Wako Centre
Masao Kimura	-Chief Engineer Formally with Honda Racing Service Centre Co., Ltd. Well known builder of seven different racing cars.
Yoshio Nakamura	-Adviser Formally manager of Honda Formula-1 Racing Team.

SHIKANO

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4 CYLINDER INLINE - SOHC 4 STROKE - WATER COOLING

MUGEN ENGINE DATA

MS-3 complete engine

73x76/2.87x2.99

1276/78

11.0:1

140-145/8000

13.8/7000

8500

4 Keihin CR35

Dry sump

4 into 1

Single dry plate

Mugen Original

4 CR35 carburetors

16pcs spare main jets

Ex-manifold set

Ex-pipe set

Racing clutch & flywheel set

1 set racing spark plugs

1 set spare belts

Main spec list

Maintenance manual

Oil tank drawing

w/o oil radiator

w/o ACG, starter motor

MS-2 complete engine

73x76/2.87x2.99

1276/78

10.5:1

125-130/8000

12.8/6800

8500

4 Keihin CR35

Wet sump

4-2-1

Single dry plate

Honda Civic

4 CR35 carburetors

16pcs spare main jets

Ex-manifold set

Ex-pipe set

Oil-cooler piping set

1 set running spark plugs

1 set racing spark plugs

Main spec list

Maintenance manual

Oil-cooler piping instruction

w/o oil radiator

w/o ACG, starter motor

MS-1 Complete engine

72x76/2.83x2.99

1238/75.6

10.0:1

85-90/6500-7000

10~10.7/4500-5000

7500

4Keihin CV

Wet sump

4-2-1

STD + Ferodo

Honda Civic

4 CV carburetors

Air cleaner

Exhaust manifold

Exhaust pipe

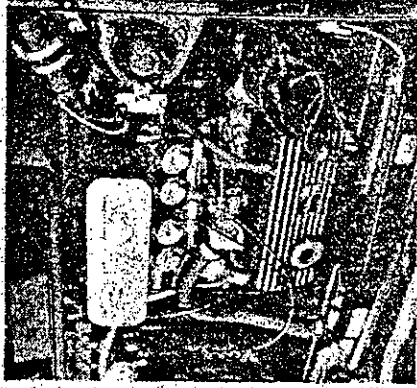
STD clutch + Ferodo

Main spec list

Maintenance manual

w/o oil radiator

w/o ACG & starter motor



MS-1

Included parts:

- Bore x stroke, mm/in.
- Displacement, cc/cu.in.
- Compression ratio.
- Bhp/rpm.
- Torque, kg-m/rpm.
- Maximum rpm.
- Carburator.
- Lubrication system.
- Exhaust system.
- Clutch.
- Cylinder Head.

RALLY

MS-1 Order numbers MS1-1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or MS2-60 for serious rally, MS1-11, 14, 15, 16, 17, 19, 20, 21, 22, 23, 24, and MS2-26, 57, 59 are applicable for rally use. Please consult with each organizer for proper choice of above parts in order to meet modification rule in your class.

MS-2 MS-2 complete engine for rally use requires belt cover and air cleaner to fit each course condition. MS1-2 camshaft and twin carburetors can occasionally be more effective. RS TYPE TWIN CARBURETOR KIT is available on request. Usually in rally RPM

better not be raised upto maximum, keep it about 1000/rpm down. Recommended exhaust system is MS2-24 to be modified to meet exhaust noise regulation. Other applicable parts are MS1-11, 22, 23 and MS2-26, 27, 28, 49, 50, 51, 52, 53, 57, 59, 60.