



2021

Product Catalog



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INTRODUCTION

“We only have one future, and it will be made of our dreams, if we have the courage to challenge convention.”

—SOICHIRO HONDA

WHO WE ARE

Honda Performance Development (HPD) is the North American racing division of American Honda. It's our challenging spirit which has propelled us to be among the best in racing.

Our goal is to give racers competitive parts, engines, and cars to compete in every aspect of racing.

WHERE WE ARE LOCATED

25145 ANZA DRIVE
SANTA CLARITA, CA 91355
(661) 294-7300





HPD CELEBRATION WITH DRIVERS



GASOLINE ALLEY



ENGINES

Karting

GXH50
Karting Kits



GXH50

\$589.26

Engine	Production-based 4-cycle single cylinder
Displacement	49cc (30 CID)
Valvetrain	Single camshaft, pushrod 2 valves/cylinder
Crankshaft	Steel alloy, 2 main bearings
Pistons	Forged aluminum alloy
Connecting Rods	Forged steel alloy
Engine Mgmt	Carbureted
Ignition	Transistorized magneto
Lubrication	Splash
Cooling	Air-Cooled
Fuel	91 Octane unleaded
Weight	12 lbs. (5.5kg)

Additional Kits Available

Kid Kart Complete Kit- 16T

Kid Kart Complete Kit- 15T

Engine Kit

Clutch Kit-16T

Clutch Kit-15T

Engine Mount Kit

Chain Guard Kit

Quarter Midgets

GX120
GX160



GX120UT2 HX2

\$408.00

Engine	Production 4-cycle single cylinder
Displacement	118cc (7.2 CID)
Valvetrain	Single camshaft, pushrod 2 valves/cylinder
Crankshaft	Steel alloy, 2 main bearings
Pistons	Forged aluminum alloy
Connecting Rods	Forged steel alloy
Engine Mgmt	Carbureted
Ignition	Transistorized magneto
Lubrication	Splash
Cooling	Air-cooled
Fuel	91 octane unleaded
Weight	29 lbs. (13.2 kg)

GX160UT2 HX2

\$438.00

Engine	Production 4-cycle single cylinder
Displacement	163cc (9.9 CID)
Valvetrain	Single camshaft, pushrod 2 valves/cylinder
Crankshaft	Steel alloy, 2 main bearings
Pistons	Forged aluminum alloy
Connecting Rods	Forged steel alloy
Engine Mgmt	Carbureted
Ignition	Transistorized magneto
Lubrication	Splash
Cooling	Air-cooled
Fuel	91 octane unleaded
Weight	33 lbs. (15.0 kg)

Crate Engine Package

K20C1 ENGINE KIT PACKAGES

Honda Performance Development offers the venerable K20C1 engine from the Honda Civic Type-R as a turnkey package for installation into **any off-highway vehicle**.

Controlled by an HPD developed ECU, the engine delivers a potent 306hp/295ft-lb via the latest technology in direct-injection, turbocharging, and variable valve timing.

K20C1

Controls Package & Crate Engine
\$9,000.00

Crate Engine
\$6,790.00

*pricing subject to change

Engine Type	Inline 4 Cylinder
Displacement	2.0 Liter
Valve Train	16 Valve DOHC VTEC
Horsepower	306 hp @ 6500 rpm
Torque	295 ft-lbs. @ 2500 rpm
Induction	Turbocharged
Fuel Management	Electronic Direct Fuel Injection
Ignition	Coil on Plug
Bore and Stroke	86.0 x 85.9 mm
Compression Ratio	9.8 : 1
Oiling System	Wet Sump
Security Sealed	No



SUPPORTS

Civic Type R &
Civic TCR Race Car
F4 & FRA Series
& More

Crate Engine Dealers
United Speed Racing
Science of Speed
MountuneUSA
4Piston Racing

LC1 ECU

The LC1 ECU Application for FF race cars is a replacement for the original FF E1 ECU.

This replacement will provide more reliability, improved diagnostics and troubleshooting capabilities.

Options & Pricing

LC1 ECU

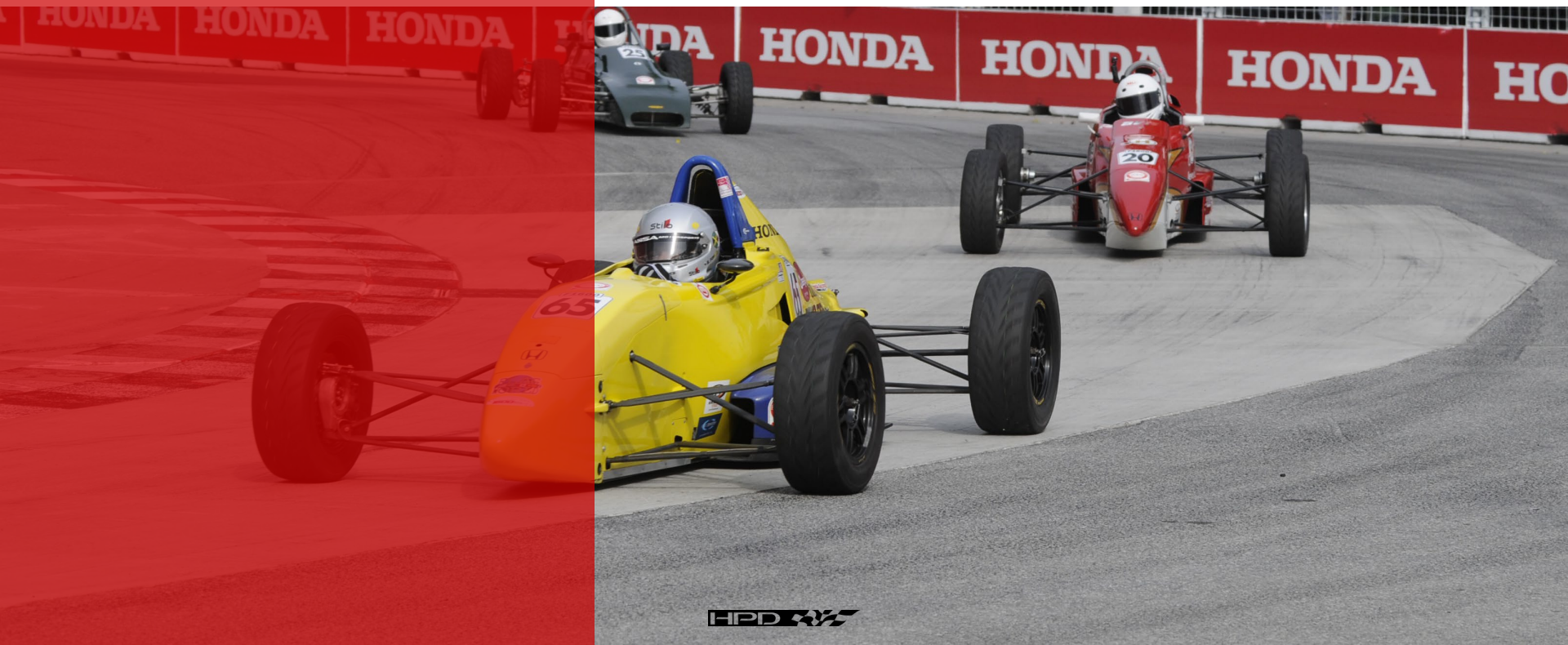
\$948.00

Adapter Harness

\$537.50

LAF Sensor

\$176.00



FIA SANCTIONED OPEN WHEEL SERIES

FORMULA REGIONAL AMERICAS
U.S. F4 CHAMPIONSHIP



F4/ FRA Series Engine Manufacturer

Formula 4 United States Championship

FIA Formula 4 was created to offer young race car drivers around the world the opportunity to take the first step from karting into the world of open-wheel racing. HPD will award the champion a chance to compete in the FRA Americas Championship.



Formula Regional Americas Championships

FR Americas is the fastest way for an aspiring driver to experience an international racing platform at an affordable price. HPD will award the scholarship to help compete in the 2022 Super Formula series.



F4 Engine

Engine Type	Inline 4 Cylinder
Displacement	2.0 Liter
Valve Train	16 Valve DOHC VTEC
Horsepower	Per FIA Rules
Torque	Per FIA Rules
Induction	Normally Aspirated
Fuel Management	Electronic Direct Fuel Injection
Ignition	Coil on Plug
Bore and Stroke	86.0 x 85.9 mm
Compression Ratio	9.8 : 1
Oiling System	Dry Sump
Security Sealed	Yes



**K20C1 Engine same
as Civic Type R**
[Buy this car now](#)

FRA Engine

Engine Type	Inline 4 Cylinder
Displacement	2.0 Liter
Valve Train	16 Valve DOHC VTEC
Horsepower	Per FIA Rules
Torque	Per FIA Rules
Induction	Turbocharged
Fuel Management	Electronic Direct Fuel Injection
Ignition	Coil on Plug
Bore and Stroke	86.0 x 85.9 mm
Compression Ratio	9.8 : 1
Oiling System	Dry Sump
Security Sealed	Yes

To get more information on this series please use the links below:

[F4 Buyer's Guide](#)

[FRA Buyer's Guide](#)



F4 DRIVER GIVING KIDS INTRODUCTION TO RACING



RACE CARS

TURNKEY PRODUCTION-BASED
RACE CARS FOR SALE

CIVIC SI TCA RACECAR

\$55,000

Eligible Racing Series

SRO Touring Car Americas TCA Class

SCCA T3 Class & STU

NASA ST5 & E2

Engine	1.5 liter inline 4 cylinder (production based)
Engine Management	Production-based ECU HPD or customer-tuned (series dependent)
Cooling	HPD CSF radiator-OE Honda intercooler
Fuel	Direct injected 91+ octane unleaded (series dependent)
Exhaust	HPD/ Borla downpipe and turbo back exhaust
Performance	170-220+ HP (series dependent)
Transmission & Differential	OEM 6-speed manual transmission, HPD high strength 4 th gear, HPD/Cusco Limited Slip Differential, HPD single mass flywheel
Suspension	Front MacPherson strut-multi-link rear, HPD /Bilstein inverted double adjustable dampers, Eibach race springs, HPD front camber and caster plates, HPD/ SPC rear camber adjustment, HPD/SPC rear camber adjustment, Upgraded HPD/RV6 rear lower arms for race spring rates and positive toe adjustment, Enkei RPF1 cast aluminum wheels, 17 x 8 inches
Steering	Production electric power steering, OMP racing wheel and quick disconnect, OE Honda tilt/ telescopic column
Brakes	HPD Wilwood Superlite front brakes with 6-piston calipers, Wilwood 2-pc slotted rotors, 327 x 28 mm, OEM rear brakes with single-piston calipers, HPD Goodridge front and rear braided brake lines, HPD ABS modulator, Carbon fiber brake cooling inlet ducts.
Body	Stock Honda Civic Si Coupe, High-flow front grille, HPD brake cooling inlet ducts, Adjustable electric side mirrors.
Structure	Welded multipoint roll cage, OMP racing seat, OMP XL seat (optional), OMP 6-pt harness, OMP window and center nets, OMP on board fore control system, HPD/ Hasport polyurethane, engine mounts.
Electronics	AIM MXP 1.2 data logger, Motec C125 data logger (optional)
Fuel	12.4 Gallon-Capacity





CIVIC TYPE R TC RACECAR

\$89,900

Eligible Racing Series

SRO Touring Car Americas TC Class
 SCCA T2 Class
 NASA ST3 & E0

Engine	2.0-liter inline-4 (production-based)
Engine Management	Production-based ECU, HPD or customer-tuned (series dependent)
Cooling	HPD CSF radiator and auxiliary oil coolers, HPD Cooling Ducts, OE Honda intercooler
Fuel	Direct injected 91+ octane unleaded (series dependent)
Exhaust	HPD/ Borla downpipe and turbo back exhaust
Performance	270-330+hp (series dependent)
Transmission & Differential	OEM 6-speed manual transmission, HPD high strength 3rd and 4th gears, HPD/Cusco Limited Slip Differential
Suspension	Front dual axis MacPherson strut, multi-link rear, HPD/Bilstein inverted double adjustable dampers, Eibach race springs, HPD front camber and caster plates, HPD/SPC rear camber adjustment, HPD/RV6 rear adjustable stabilizer bar, Spherical suspension bushings and damper mounts, Upgraded HPD/RV6 rear lower arms for race spring rates and positive toe adjustment, Forgestar F14 rotary formed aluminum wheels, 18 x 9.5 in.
Steering	Production electric power steering, OMP racing wheel and quick disconnect, OE Honda tilt/ telescopic column
Brakes	Brembo 4-piston calipers, HPD Girodisc 2-pc front rotors 350mm x 32mm, OEM rear calipers and rotors, HPD Goodridge front and rear braided brake lines, HPD ABS modulator, Variety of Sprint/Endurance brake compounds available, HPD brake cooling inlet ducts
Body	High-flow front grille, HPD oil cooler, brake, and radiator inlet ducts, J's Racing FRP vented hood, HPD APR adjustable rear wing, Adjustable electric side mirrors.
Structure	Welded multipoint roll cage, OMP racing seat, OMP XL seat (optional), OMP 6-pt harness, OMP window and center nets, OMP on board fore control system, HPD/ Hasport polyurethane, engine mounts.
Electronics	AIM MXP 1.2 data logger, Motec C125 data logger (optional), 4-wheel suspension position sensors (optional)
Fuel	HPD Pyrotect Bolt-in FIA fuel cell, 16-gallon capacity, High flow filler neck and cap in OE location

CIVIC TYPE R TCR RACECAR

\$154,000

Eligible Racing Series

IMSA MICHELIN PILOT CHALLENGE-TCR
WORLD TCR

Engine 2.0-liter inline-4 (production-based), Calibrated and sealed by JAS Motorsport

Engine Management Motec M142 ECU with custom wiring harness, Mapped for 100 octane fuel

Cooling High performance radiator, oil cooler and intercooler, Ducting for engine, radiator, and intercooler

Fuel Direct injected, 100 octane unleaded race fuel

Exhaust Competition stainless exhaust with racing-grade catalytic converter

Performance Approximately 340 hp

Transmission & Differential Xtrac 6-speed sequential gearbox, Hydraulic paddle shifters, Limited slip differential w/exterior adjustable preload, Gearbox oil cooler, JAS twin-disc racing clutch, Bespoke 6kg flywheel

Suspension Front Ohlins TTX NK56 dampers, Rear Ohlins 2 way S46 dampers, Rear anti-roll bar with 3 holes for adjustment, 3 front and 2 rear sway bars with different stiffness (optional), 3 sets of springs with different stiffness (optional), JAS OZ Racing cast aluminum wheels, 18 x 10 in.

Steering Electric power steering with heavy-duty arms, Heavy-duty ball joints on front lower wishbone, Multifunction quick disconnect wheel

Brakes JAS AP Racing front brake calipers with 380mm x 35mm DS4 discs, JAS Motorsport rear brake calipers with 260mm x 9mm discs, Endurance Option, 380x35mm with 64mm brake pad surface, Brake cooling ducts from bumper to upright, Bosch racing ABS, Switch-on central console with 12 working levels

Body Front/rear composite wheel arches, Front/rear composite bumper, Adjustable front splitter, Hood scoop, Composite side skirts, JAS rear wing under TCR regulations, Airjack system

Structure Seam-welded body panels, TIG-welded roll cage, homologated by MSA-UK, Cross bracing and gusseting for maximum stiffness, OMP 6-pt harness, OMP seat, Cool suit system (optional), Heated Lexan screen (optional), Endurance Option-Adjustable electrical side mirrors on center console, UV cockpit lights, Drink system, Lighted door number

Electronics Motec PDM30 power distribution (factory sealed), Motec C127 data logger

Fuel FT3 100-liter tank, Racing collector tank, Aero-quality hoses and fittings, 3 lift pumps and filters, Stabuli D12 refueling, Endurance Option-Filler neck on right C-pillar built to VLN standards, Quick refueling standard 1 left and 1 right





[Buy NSX here](#)



NSX GT3 EVO RACE CAR

€465,000

Eligible Racing Series

SRO GT Americas-GT class
IMSA Weathertech-GTD class

International Racing Series

GT WC Europe (Endurance)
GT WC Asia
China GT
Intercontinental GT
Super GT (Japan)
Super Taikyu (Japan Endurance)

Type: Longitudinal/mid-mounted twin-turbocharged DOHC 75 V6
Bore x stroke: 91 x 90mm
Capacity: 3501cc
Power/torque: Per FIA/ Series Regulation (BOP)
Construction: Light alloy block and head
Pistons: Cast aluminum

Engine
Valvetrain: 24 valve, IN/EX VTC, chain driven camshaft
Fuel Injection: Direct and port injection
Lubrication: Dry sump system
Throttle control: Drive-by-Wire throttle system
Wastegate control: Electrical
Turbocharger: 2 off- Mono scroll
Exhaust: Twin pipe with CAT converter

Dimensions
Wheel base: 2630mm, Overall length: 4612mm, Overall width: 2040mm, Front track: 1715mm, Rear track: 1687mm, Weight: 1240 Kg (prior to BOP adjustments)

Chassis
Aluminum alloy extruded profiles/cast nodes; steel roof structure, TIG welded roll cage in 25CrMo-bolted to chassis

Transmission
Gearbox: XTRAC semi-automatic 6-speed sequential
Clutch: ZF/SACHS high performance sintered or carbon clutch (endurance option)
Clutch Operation: Electrically assisted
Driveline: PANKL double tripod system

Brakes
BREMBO disks 390x34 front/ 355x32 Rear
ABS (VF): BOSCH M5

Suspension
Front: Double wishbone
Rear: Multilink
Shock absorbers: SACHS 5-way adjustable dampers
Sway bar: FR/RR with adjustable blade

Wheels
Front: 12"x 18" forged aluminum
Rear: 13"x 18" forged aluminum

GT3 Academy



The HPD Drivers Academy is a four-part race experience for drivers who are looking to gain the skills needed to be ready to race at an elite level in North America or in a global series. As the preeminent OEM racing organization in North America, one of HPD's core principles is to support drivers in achieving their racing dreams.

The HPD Driver Academy embodies this by providing extensive track time in the Acura NSX GT3 EVO, and access to experienced professional GT3 EVO drivers, HPD engineering and trackside support staff, and SRO and IMSA Championship engineers and team owners.

The program includes on-track racecraft coaching sessions at some of the top racetracks in the U.S., off-track instruction relating to effective communication with team personnel and engineers, and additional driver marketing insights and sponsor searches.

For further information on this program and how to apply for future academy spots please click the link below.

Takuma Sato

2017 & 2020
Indianapolis 500
Champion



HPD MERCHANDISE

Dane Cameron
HPD GT3 Academy
Instructor

2019 IMSA Champion



HPD Merchandise Collection

Honda Racing
Acura Motorsports



Even when you're not on track, you can show off your Honda Racing and Acura Motorsports style with our HPD Merchandise.

All items are designed to bring comfort and style to the track or wherever your racing adventures take you. From hats to jackets, mugs to backpacks, and everything in between, you will find the perfect accessory to cheer on your favorite Honda and Acura drivers.

[HPD Merchandise Store](#)



HPD 

PINNACLE SPORTS

INDYCAR
ACURA MOTORSPORTS
BAJA RIDGELINE

INDYCAR Racing

HPD was founded in 1993 to spearhead Honda's entry into INDYCAR racing. No other manufacturer has matched Honda's success in INDYCAR, which includes over 213 race victories, 9 Manufacturers' Championships, and 13 Indianapolis 500 victories.

INDYCAR racing has been part of HPD's history from the start. From developing state-of-the-art engine technology, to providing technical support to teams at the track.

ACHIEVEMENTS

Honda Racing

13 Indy 500 Champions

6 INDYCAR Drivers' Championships

INDYCAR / CART Manufacturers' Championships

1996, 1998, 1999, 2001, 2004, 2005, 2018, 2019, 2020





The spirit of Acura vehicles is first born on the track, where Precision Crafted Performance is constantly improved through racing.

Acura's ARX-05 and NSX GT3 Evo compete in IMSA's WeatherTech Championship Series. The ARX-05 race car is powered by the race-proven AR35TT twin-turbocharged V6 which is derived from the Acura MDX engine. The NSX GT3 Evo uses a 3.5 liter, twin-turbo V6 engine which is the same as in the NSX production vehicle.

[Shop for your Acura here](#)



2021 DAYTONA
ROLEX 24 WINNER

ACHIEVEMENTS

IMSA Camel Lights Series

1991, 1992, and 1993 Manufacturers', Drivers' Champion

American LeMans Series

2009 LMP1 Engine, Team, Drivers' Champion
2009 LMP2 Engine, Team Drivers' Champion

IMSA WeatherTech Sportscar Championship Series DPi Class

2019 Manufacturers', Drivers', Team Champion
2020 Manufacturers', Drivers', Team Champion

IMSA WeatherTech Sportscar Championship Series GTD Class

2019 Drivers', Team Champion
2020 Manufacturers' Drivers' Team Champion

SRO World Challenge

GT3 Pro Am Class

2019 Drivers', Team Champion
2020 Manufacturers', Team Champion

Acura Motorsports



David Salters

PRESIDENT, HONDA PERFORMANCE DEVELOPMENT

Baja Ridgeline

ACHIEVEMENTS

- 2015 Baja 1000 Class Winner
- 2016 Baja 500 Class Winner
- 2016 Baja 1000 Class Winner
- 2018 Baja 500 Class Winner
- 2018 Parker 425 Class Winner
- 2018 Vegas to Reno Class Winner
- 2019 Parker 425 Class Winner
- 2019 Mint 400 Class Winner
- 2019 Baja 500 Class Winner
- 2020 Baja 500 Class Winner



HONDA RIDGELINE WITH HPD PACKAGE

BAJA RIDGELINE RACE TRUCK



Baja Ridgeline Race Truck

Marking its return to 4-wheel off-road desert racing the custom built unlimited off-road race vehicle is backed by HPD.

Powered by a twin-turbocharged V6 engine, the Ridgeline Baja Race Truck features a body designed by Honda R&D Americas' Los Angeles Design Studio, with inspiration taken from the current Honda Ridgeline, also designed and developed by Honda R&D North Americas.

Making approximately 550 horsepower, HPD's 3.5-liter HR35TT engine uses the same block and cylinder heads as the production Ridgeline V6.

[Buy the Ridgeline here](#)



RACING LEGEND MARIO ANDRETTI SURPRISES QUARTER MIDGET RACERS AT EVENT

CONTACT US

For further information on all our products and race cars, please contact us through the information below. We look forward to having you as part of our HPD Family.



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Tel: (661) 702-7777



“If Honda does not race, there is no Honda.”

—SOICHIRO HONDA

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