

## Mazda's Spec MX-5 Build Sheet

Part Description	Part #	Per Car QTY	Racer Price
<b>Spec Parts - Required for New Build</b>			
<i>Suspension - Required for New Build</i>			
Penske front shock	0000-04-5291-SA	2	\$ 549.00
Penske rear shock	0000-04-5292-SA	2	\$ 549.00
Front mount kit	0000-04-5359	1	\$ 444.00
Rear shock mount kit	0000-04-5358	1	\$ 387.00
Front offset bushing kit	0000-04-5407-NC	1	\$ 75.00
Eibach front springs	0000-04-9700-08	2	\$ 59.00
Eibach rear springs	0000-04-9400-07	2	\$ 58.95
Eibach helper springs	0000-04-9926	4	\$ 43.00
Eibach sway bar kit (front and rear bars)	0000-04-5306-EB	1	\$ 347.00
<i>Cooling - Required for New Build</i>			
Mazda Motorsports radiator/oil cooler assembly by C&R	0000-01-5504-CR	1	\$ 1,246.00
Oil cooler adaptor & lines	0000-01-5511-KT	1	\$ 549.00
<i>Engine Package - Required for New Build:</i>			
Mazda Motorsports header by Kooks	0000-06-5407-NC	1	\$ 557.00
Mazda Motorsports exhaust by Kooks	0000-06-5427-NC	1	\$ 660.00
Oxygen sensor extension harness	0000-10-5320	1	\$ 61.00
Cold air intake	0000-06-5150-KT	1	\$ 336.00
Spec ECU flash	0000-01-5379	1	\$ 350.00
NGK iridium racing plug	0000-10-R7-IX-11	4	\$ 6.99
Mazda Motorsports fuel rail with test port by Radium	0000-06-5207	1	\$ 344.00
AC delete Belt	LF9M-15-909A	1	\$ 40.29
AC delete pulley	LF17-15-940E	1	\$ 77.34
<i>Engine Package - Options, complete engine or parts to build one</i>			
Mazda turnkey engine	0000-01-5015-KT	1	\$ 8,585.00
<b>or parts to build an engine</b>			
Rough spec CNC cylinder head +	0000-01-5300	1	\$ 2,040.00
Crankshaft	LF9G-11-301	1	\$ 382.75
Connecting rods	LF9G-11-210	4	\$ 135.90
Bare engine block	LF9G-10-300	1	\$ 1,471.69
Head bolts	LF01-10-135	10	\$ 3.22
Gasket kit (OEM)	8LN6-10-271A	1	\$ 214.12
Water pump - High flow pump	1F70-15-100A	1	\$ 32.00
Piston wrist pin +	0000-01-5310-PN	4	\$ 30.35
MAHLE piston set standard (0.003" over OEM STD Bore) or	0000-01-5310	1	\$ 530.00
MAHLE piston set oversized (0.020" over OEM STD Bore)+	0000-01-5310-OS	1	\$ 530.00
ACL main bearings (Standard H) or	0000-01-5215-MB	1	\$ 122.00
ACL main bearing (Standard HX) +	0000-01-5216-MB	1	\$ 92.00
ACL rod bearings (Standard H) or	0000-01-5213-RB	1	\$ 69.00
ACL rod bearing (Standard HX)	0000-01-5214-RB	1	\$ 53.00
Mazda Motorsports head gasket 0.55mm (0.021")	0000-01-5319-21	1	\$ 136.65
Mazda Motorsports head gasket 0.75mm (0.030")	0000-01-5319-30	1	\$ 136.65
Mazda Motorsports head gasket 1.0mm (0.040")	0000-01-5319-40	1	\$ 136.65
Mazda Motorsports head gasket 1.3mm (0.051")	0000-01-5319-51	1	\$ 136.65
<i>Transmission</i>			
Crate 6-Speed transmission (09+ updates .832 6th gear)	P601-03-000	1	\$ 2,846.38
Transmission update kit	0000-02-5700	1	\$ 299.00
ACT clutch; 6-puck sprung	0000-02-5004-G6	1	\$ 501.00
Stainless steel clutch line kit	0000-02-5602	1	\$ 75.00
SMX Delrin Shift knob	0000-02-5703	1	\$ 57.35
<i>Brakes</i>			
PAGID front brake pads	0000-03-5104-SP	1	\$ 200.00
PAGID rear brake pads	0000-03-5114-EN	1	\$ 189.75
<i>Hard top</i>			
Hard top mounts	0000-07-5901-MT	1	\$ 164.00
Aftermarket hard top	0000-07-5901-CC	1	\$ 1,340.00
<i>Wheels - Options (Two colors):</i>			
Rays 17x8" forged Spec MX-5 gun metallic	0000-04-5706-GM	4	\$ 339.00
Rays 17x8" forged Spec MX-5 silver	0000-04-5706-SL	4	\$ 339.00
<i>Differential</i>			
Mazda Motorsports Torsen limited slip differential	0000-02-5564	1	\$ 1,260.00
Comp diff mount bushings for MX-5 mount	0000-04-5510	1	\$ 53.00

## Mazda's Spec MX-5 Build Sheet - Optional parts

Mixed Categories			
Comp rear toe link	0000-04-5426	NA	NA
RX-8 front hub (OEM)	F189-33-04X	2	\$ 165.60
Comp rear hub	0000-04-5530	2	\$ 380.00
Comp rear bearing	0000-04-5531	2	\$ 101.00
MAHLE RING SET standard	0000-01-5310-RS	1	\$ 177.00
MAHLE RING SET oversized +	0000-01-5310-RO	1	\$ 85.00
Upgraded valve spring (comes installed in CNC head when new)	0000-01-5319-SP	16	\$ 23.00
Mazda Motorsports radiator by C&R	0000-01-5504-RD	1	\$ 780.00
Mazda Motorsports oil cooler by C&R	0000-01-5505-OC	1	\$ 466.00
Rear coolant pipe (cleans up connections with no heater core)	0000-01-5514	1	\$ 75.00
Bottom coolant pipe (cleans up connections with no TB lines)	0000-01-5515	1	\$ 75.00
Oil cooler lines only	0000-01-5511-LN	1	\$ 267.00
Airfilter (for kit above)	0000-06-5204	1	\$ 47.00
Lexan Windshield (Five Star)	0000-07-5101-5S	1	\$ 575.00
20% Power steering restrictor	0000-04-5532	1	\$ 85.00
Battery tray (rear trunk location)	0000-10-5801	1	\$ 185.00
Engine to shock tower brace	0000-07-5600	1	\$ 215.00
Firewall blockoff plate (heatercore removed)	0000-07-5832	1	\$ 35.00
Seatbelt blockoff plate	0000-07-5842	1	\$ 75.00
EGR blockoff Kit	0000-06-5447	1	\$ 55.00
Goodridge G-stop brake line kit	0000-03-5212	1	\$ 119.90
Brake duct kit (2.5" duct)	0000-03-5301-NC	1	\$ 374.00
Mazda-branded MPI steering wheel	0000-10-5650-MZ	1	\$ 229.00
Mazda Motorsports-branded MPI race seat	0000-10-5675	1	\$ 799.00
Mazda Motorsports-branded MPI race seat XL	0000-10-5675-XL	1	\$ 799.00
MPI seat base with side brackets (NC MX-5)	0000-10-5676	1	\$ 299.00
MPI seat side brackets	0000-10-5677	1	\$ 89.00
Tow strap front or rear	0000-04-5823	2	\$ 102.00
Penske adjustment knob	0000-04-5293	4	\$ 26.00
Sway bar end links 1 of 4	0000-04-5597-KT	4	\$ 55.00
Interior finish panels (bulkhead)	0000-07-5822	1	\$ 185.00
2006-2008 - Left headlight replacment pannel	0000-07-5818-LT	1	\$ 269.00
2006-2008 - Right headlight replacment pannel	0000-07-5818-RT	1	\$ 269.00
2009 - 2015 - Left headlight replacment pannel	0000-07-5819-LT	1	\$ 269.00
2009 - 2015 - Right headlight replacment pannel	0000-07-5819-RT	1	\$ 269.00
Front Air Dam '06-'08	NP51-V4-900F-BB	1	\$ 281.90
Front Air Dam '09-'12	NH52-V4-900A	1	\$ 189.83
Front Air Dam '13-'15	NP06-V4-900	1	\$ 290.12
Front Bumper '13-15	NPY4-50-03X	1	\$ 435.71
Right Fog Lamp Bezel for Brake Duct (JDM w/o Signal Lens) '13-'15	NP32-50-C10B	1	\$ 37.00
Left Fog Lamp Bezel for Brake Duct (JDM w/o Signal Lens) '13-'15	NP32-50-C20B	1	\$ 24.90

Spares list		2006-2015 MX-5
Part #	Part Type	Description
F189-33-04X	Suspension	RX-8 Front hub
NH42-34-200	Suspension	Front right upper control arm
NH42-34-250	Suspension	Front Left upper control arm
NE51-34-350D	Suspension	Front Left lower control arm
NE51-34-300D	Suspension	Front right lower control arm
NE51-28-600B	Suspension	Rear top lateral link right rear
NE51-28-650B	Suspension	Rear top lateral link left rear
NE51-28-500B	Suspension	Rear bottom lateral link right
NE51-28-550B	Suspension	Rear bottom lateral link left
NE51-28-200A	Suspension	Trailing link bottom both sides
NE51-28-45XB	Suspension	Toe link both sides
NE51-28-D00B	Suspension	Trailing link top left side
NE51-28-D10B	Suspension	Trailing link top right side
F151-28-66Z	Suspension	Front Camber bolt
F151-28-473	Suspension	Front Camber washer
F151-34-66Z	Suspension	Front Caster bolt
F151-34-473	Suspension	Front caster washer
9YB0-41-406A	Suspension	Front Caster/Camber nut
9YA9-91-004	Suspension	Rear toe link bolt
9994-01-001	Suspension	Rear toe link nut
KD35-28-66Z	Suspension	Rear toe cam bolt
KD35-28-473	Suspension	Rear toe washer
9YB0-41-216	Suspension	Rear toe nut
F151-28-66Z	Suspension	Rear camber bolt
F151-28-473	Suspension	Rear camber washer
9YB0-41-406A	Suspension	Rear camber nut
NE51-32-240	Steering	Inner tie rod
NE51-32-280A	Steering	Outer tie rod
NE51-32-137	Steering	tie rod lock nut
NE59-32-12X	Steering	Tie rod boot passenger
NE51-32-12X	Steering	Tie rod boot driver
NFY7-33-29Z-MV	Brake	Front Brake hardware kit
NFY7-26-49Z	Brake	Rear brake hardware kit
NF49-43-70XC	Brake	ABS sensor RF
NF49-43-73XC	Brake	ABS sensor LF
NF49-43-71YA	Brake	ABS sensor RR
NF49-43-72YA	Brake	ABS sensor LR
LFG1-13-350	Engine	Fuel pump
LFB6-13-ZE1	Engine	Fuel pump sock
L3G5-13-250	Engine	Fuel injector
ZL01-13-215	Engine	Mass airflow sensor
L3G2-18-230	Engine	Cam sensor
L3G2-18-221	Engine	Crank sensor
LF01-18-840A	Engine	Coolant temp sensor
LF01-18-921	Engine	Knock sensor
LFN1-18-8G1A	Engine	Lambda sensor- H02's
LF9H-18-300A	Engine	Alternator
LFG1-18-400	Engine	Starter
L3G2-18-100B-9U	Engine	Ignition coil