

# ENGINES



**F4.6**  
Big Block engine

roto start compatible  
#87117 Backplate

#1495 Nitro Star F4.6 Engine w/Pullstart  
The F4.6 is the powerplant responsible for the immense speed and raw torque of the Savage X 4.6, and now it's available to fit into any Savage or big-block monster truck!



**K4.6 HO**  
high output Big Block

roto start compatible  
#87127 Backplate

#15204 Nitro Star K4.6 HO Engine w/Pullstart  
The HPI Nitro Star K4.6 HO engine is the high output (HO) version of the well known HPI Nitro Star K4.6 engine. The high output version is optimized for even more RPM making it the ultimate big block engine for the Hellfire and single speed transmission trucks.



**K4.6**  
Big Block engine

roto start compatible  
#87127 Backplate

#15201 Nitro Star K4.6 Engine w/Pullstart  
Rated at 2.9 horsepower. Features a machined billet aluminum heatsink head for extra cooling, true ABC chrome sleeve construction for durability, and a three needle 8.5mm slide carburetor with a composite body for better performance at higher temperatures.



**F4.1**  
BIG BLOCK

#1408 Nitro Star F4.1 Engine w/Pullstart  
roto start compatible  
#87117 Backplate



**Nitro Star S-25**

#1406 Nitro Star S-25 Engine w/Pullstart  
roto start compatible  
#87117 Backplate

## G3.0

5.5mm Rotary Carb., ABC, SG Shaft, Side Exhaust, Heatsink Head, Black Crank Case. This is the standard powerplant for the Firestorm stadium truck and an easy upgrade for SG shaft cars and trucks.



#15105 Nitro Star G3.0 Engine w/Pullstart

roto start compatible  
#87117 Backplate

## T3.0

6.5mm Rotary Carb., ABC, Standard Shaft, Side Exhaust, Heatsink Head, Black Crank Case. Powering the RTR NITRO RS4 3 EVO+, the T3.0 is an easy upgrade for cars and trucks equipped with the T-15 engine.



#15107 Nitro Star T3.0 Engine w/Pullstart

roto start compatible  
#87121 Backplate

## Fuelie~ 26cc

GASOLINE POWERED ENGINE  
HPI RACING



## T-15

#15101 Nitro Star T-15 Engine w/Pullstart

roto start compatible  
#87121 Backplate

#15401 Fuelie 23cc Engine w/Pullstart  
#15403 Fuelie 26S Engine w/Pullstart  
The Fuelie 26S (26cc) engine provides more torque and more power for higher top speeds and quicker acceleration.



## roto start 2 shaft drive starter

#87130 HPI Roto Start 2 System for Nitro Star F Series, 21BB, S-25 or any Force .21-.25 engines w/pullstart (#87110 Roto Start 1)

#87131 HPI Roto Start System for Nitro Star K Series engine with pullstart (#87126 Roto Start 1)

#87132 HPI Roto Start System for Nitro Star .12/.15/.18 pullstart compatible engines (#87120 Roto Start 1)



For high performance engine protection, use HPI Racing Air Filter Oil.

#Z190 Air Filter Oil (30cc)



#74105 Glow Plug Igniter with charger



#74108 Pro Glow Plug Igniter with meter and charger



#87546 4-Way Glow Plug Wrench (Long)

#74111 4-Way Glow Plug Wrench (Small)



#9062 HPI Nitro Electronic R/C Car Cleaner

The HPI Nitro Electronic R/C Car Cleaner will clean grease, oil and grime from R/C cars while being totally safe to all electronics and plastics, including Lexan. The liquid leaves no residue on parts or electronics. The included spray pipe lets racers direct the spray into tight areas of their car. The HPI Nitro Electronic R/C Car Cleaner is also great to clean electric motors, brushes, receivers and all speed controllers.

## TEMP GUN

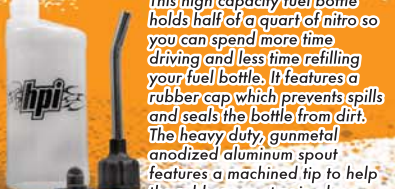
The HPI Temp Gun is a non-contact infrared thermometer for measuring temperature, perfect for RC nitro and electric racers.

#74151 HPI Racing Temp Gun



HPI Power Plugs use a unique blend of platinum and iridium metals for high performance, long plug life, and consistent tuning.

- #1502 Glow Plug Med. R3
- #1503 Glow Plug Med. Cold R4 (good all-around)
- #1504 Glow Plug Cold R5 (good for hot weather)
- #1507 Turbo Glow Plug Cold R5 (good all-around)
- #1508 Turbo Glow Plug Cold R5 (good for hot weather)



#74115 HPI Fuel Bottle 500cc

This high capacity fuel bottle holds half of a quart of nitro so you can spend more time driving and less time refilling your fuel bottle. It features a rubber cap which prevents spills and seals the bottle from dirt. The heavy duty, gunmetal anodized aluminum spout features a machined tip to help the rubber cap stay in place.

## HPI ENGINE COMPARISON

	NITRO STAR K4.6	NITRO STAR K4.6HO	NITRO STAR F4.6	NITRO STAR T3.0	NITRO STAR G3.0	NITRO STAR F4.1	NITRO STAR S-25	NITRO STAR 18SS	FUELIE 23cc	FUELIE 26S
Engine Size	4.6 cm <sup>3</sup> (0.28 in <sup>3</sup> )	4.6 cm <sup>3</sup> (0.28 in <sup>3</sup> )	4.6 cm <sup>3</sup> (0.28 in <sup>3</sup> )	3.01cm <sup>3</sup> (0.18in <sup>3</sup> )	3.01cm <sup>3</sup> (0.18in <sup>3</sup> )	4.1 cm <sup>3</sup> (0.25 in <sup>3</sup> )	4.1 cm <sup>3</sup> (0.25 in <sup>3</sup> )	3.0 cm <sup>3</sup> (0.18 in <sup>3</sup> )	22.5 cm <sup>3</sup> (1.4 in <sup>3</sup> )	26 cm <sup>3</sup> (1.59 in <sup>3</sup> )
Brake Horse Power (BHP)	2.9	2.95	2.9	2.2	2.2	2.75	2.5	1.5	2	2.9
Exhaust Position	Rear	Rear	Rear	Side	Side	Rear	Rear	Side	Side	Side
Starter	Pullstart (Op: Roto Start)	Pullstart (Op: Roto Start)	Pullstart (Op: Roto Start)	Pullstart (Op: Roto Start)	Pullstart (Op: Roto Start)	Pullstart (Op: Roto Start)	Pullstart (Op: Roto Start)	Pullstart (Op: Roto Start)	Pullstart	Pullstart
Compatible HPI Kits	All Savages, Hellfire	All Savages, Hellfire	All Savages, Hellfire	MT2, Rush Evo, Nitro 3, Firestorm	MT2, Rush Evo, Nitro 3, Firestorm	All Savages	All Savages	MT2, Rush Evo, Nitro 3, Firestorm	Baja 5B	Baja 5B