



**SPARK PLUGS**



Unleash the POWER



HELLA KGaA Hueck & Co.

## Unleash the POWER About HELLA

HELLA KGaA Hueck & Co. is a globally positioned company at 70 locations in more than 30 countries. As a key innovation driver, the company has been developing and manufacturing lighting and electronic components and systems for the automotive industry for more than 100 years. HELLA ranks among the top 50 automotive suppliers globally and operates one of the world's largest aftermarket organisations for automotive parts, accessories, diagnostics and services. Customers include all leading vehicle and system manufacturers as well as the automotive parts aftermarket.

The HELLA brand is synonymous with proven quality and innovative automotive technology. The basis behind HELLA's success lies in its constant pursuit for innovations and design improvements, and constantly creating value to the future of motor vehicles.





## HELLA Spark Plugs

### What is a spark plug?





A spark plug is a device installed at the top of an engine cylinder that generates sparks at the tip of its electrode when a high voltage is applied across its terminal ends, thus igniting the compressed air-fuel mixture in the cylinder. The resulting controlled combustions ensure continuous piston movements that translate to rotational movements of the wheels.

The spark plug plays an important role in achieving optimal performance and reliable functioning of an engine over its entire service life. It has to ensure reliable cold starts, yet preventing misfiring during acceleration. At the same time it must be able to operate continuously for long hours and be exposed to extreme conditions of high temperature, high pressure, vigorous vibration and presence of corrosive chemicals in an engine cylinder. With a greater emphasis on fuel economy and environmental cleanliness today, a spark plug plays an even greater role in ensuring clean and efficient combustion.

### Why HELLA Spark Plug?

With its OE know-how in electronic ignition devices and engine sensors, HELLA designs its spark plugs for durability, reliability and optimal performance. All HELLA Spark Plugs have copper core center electrodes that provide utmost heat dissipation and conductivity to maintain stable operating temperatures. The metal shell of each plug is nickel plated to offer higher resistance against corrosion. The insulator is made of very high density silicon dioxide compound that gives maximum strength against vibration in the engine cylinder and also prevents current leakage during sparking.

HELLA offers four types of spark plugs. **HELLA Energy** is an OE equivalent plug for spare part replacement, while **HELLA Energy Pro** lasts longer than typical OE plugs. The performance series **HELLA Platinum** and **Iridium Pro** offer ultimate performance and power over a longer service life, ideal for both spare part replacement as well as for car enthusiasts looking to upgrade their car performance.

HELLA Spark Plugs	Standard Series		Performance Series	
	Energy 	Energy Pro 	Platinum 	Iridium Pro 
Technology	Nickel center electrode with copper core	Yttrium center electrode with copper core and U-groove ground electrode	Platinum tip with copper core center electrode	Iridium tip with copper core center electrode and platinum pad on ground electrode
Benefits	<ul style="list-style-type: none"> <li>• Service life of up to 30,000km</li> <li>• Durable</li> </ul>	<ul style="list-style-type: none"> <li>• Service life of up to 40,000km</li> <li>• Durable</li> <li>• Fuel efficient</li> <li>• Smoother combustion</li> </ul>	<ul style="list-style-type: none"> <li>• Long service life of up to 60,000km</li> <li>• Improved durability</li> <li>• Faster response and acceleration</li> <li>• Improved fuel efficiency</li> <li>• Better combustion</li> </ul>	<ul style="list-style-type: none"> <li>• Longest service life of up to 100,000km</li> <li>• Best durability</li> <li>• Superior response and acceleration</li> <li>• Highest fuel efficiency</li> <li>• Superior combustion and power</li> </ul>



# HELLA Energy Spark Plug

## Durable

HELLA Energy Spark Plug has a nickel center electrode with copper core that increases the thermal conductivity, offering excellent heat dissipation and ultimately making the spark plugs more durable. Selected part numbers come with resistance center electrode that suppresses interference caused during sparking.

### A Nickel-plated: Robust

- Bright **nickel-plated** metal shell offers strong resistance against corrosion
- Rust-resistant properties enable an easier removal of spark plug during replacement

### B Copper Core: Durable

- **Nickel** center electrode with **copper core**
- **Copper core** offers excellent heat dissipation that prevents overheating of electrode
- Lasts longer than nickel core standard plugs



### C High Density Insulator: Maximum Strength

- **High density silicon dioxide ceramic** for maximum strength and insulation
- Angular-ribbed insulator design to prevent current leakage

### D Resistance: Less Interference

- Center electrode with **resistance** for suppressing interference, a benefit for many modern cars equipped with various electronic devices
- \* Not applicable for selected Energy Spark Plugs.

Recommended Service Interval:  
Approx. 30,000km

Available in 4 pc blister pack  
and 10 pc box.





# HELLA Energy Pro Spark Plug

## Long Life, Better Combustion

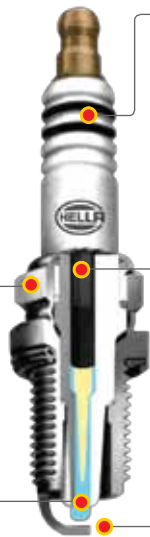
HELLA Energy Pro features a nickel alloy ground electrode U-groove design that allows a larger area for the flame kernel, enabling more complete combustion leading to better fuel efficiency. Each plug is incorporated with yttrium-enhanced center electrode that lasts longer than typical OE plugs. HELLA Energy Pro also comes with resistance added center electrode. For many modern cars with on-board electronic systems and electronic fuel injection, such resistance in the spark plugs greatly suppresses the electromagnetic interference caused during sparking.

### A Nickel-plated: Robust

- Bright **nickel-plated** metal shell offers strong resistance against corrosion
- Rust-resistant properties enable an easier removal of spark plug during replacement

### B Nickel-Yttrium: Longer Life

- **Nickel-Yttrium** center electrode with **copper core**
- **Nickel-Yttrium** alloy with higher melting point than typical nickel based standard plugs in the market, means higher durability against wear and tear
- Alloy also enhances resistance of copper core against corrosion
- **Copper core** offers excellent heat dissipation that prevents overheating of electrode
- Lasts longer than typical nickel or copper-core based standard plugs



### C High Density Insulator: Maximum Strength

- **High density silicon dioxide ceramic** for maximum strength and insulation
- Angular-ribbed insulator design to prevent current leakage

### D Resistance: Less Interference

- Center electrode with **resistance** for suppressing interference, a benefit for many modern cars equipped with various electronic devices

### E U-Groove: Better Combustion

- **U-groove** on the underside of the ground electrode allows a larger area for the flame kernel to form and enables a more complete combustion and better fuel efficiency



**Recommended Service Interval:**  
Approx. 40,000km

Available in 3 or 4 pc blister pack and 10 pc box.



# HELLA Platinum Spark Plug

## Better Performance and Longer Life

**PERFORMANCE**

HELLA Platinum Spark Plug offers a platinum center electrode tip that offers high durability and long service life. It lasts longer than typical OE plugs including yttrium enhanced plugs.

The fine tip reduces ignition voltage requirement and improves ignitability, giving faster response, faster acceleration and improved fuel economy.

**A Nickel-plated: Robust**

- Bright **nickel-plated** metal shell offers strong resistance against corrosion
- Rust-resistant properties enable an easier removal of spark plug during replacement

**B Platinum Tip with Copper Core Center Electrode: High Durability and Longer Service Life**

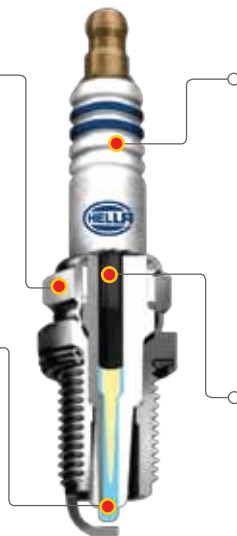
- Laser welded **platinum alloy tip** offers high durability and longer service life
- Fine tip reduces ignition voltage requirement and improves ignitability
- Faster response and faster acceleration
- Improves fuel economy
- **Copper core** offers excellent heat dissipation that prevents overheating of electrode


**C High Density Insulator: Maximum Strength**

- **High density silicon dioxide ceramic** for maximum strength and insulation
- Angular-ribbed insulator design to prevent current leakage

**D Resistance: Less Interference**

- Center electrode with **resistance** for suppressing interference, a benefit for many modern cars equipped with various electronic devices



Recommended Service Interval:  
Approx. 60,000km

Available in 4 pc retail pack  
and 10 pc box.



# HELLA Iridium Pro Spark Plug

Superior Performance and Acceleration  
Extreme Long Life

PERFORMANCE

The spark plug center electrode tip and ground electrode are the areas where most of the wear and tear happens. **HELLA Iridium Pro** offers superb durability at both the center electrode tip with an iridium tip and a platinum pad on the ground electrode.

Iridium is 6 times harder, 8 times stronger, and has a melting point 640 degrees higher than platinum. Advancement in precision laser technology has enabled laser welding of iridium material to create a uniformly precision-cut tip. Put that into a harsh engine cylinder environment and this translates into a spark plug that lasts much longer than any other plug types (nickel, yttrium and platinum).

The super fine 0.6mm center electrode tip reduces the voltage requirements and allows a focused, concentrated spark ignition. This in turn improves ignitability, offers faster response, faster acceleration and better fuel economy.

## A Nickel-plated: Robust

- Bright **nickel-plated** metal shell offers strong resistance against corrosion
- Rust-resistant properties enable an easier removal of spark plug during replacement

## B Iridium Laser Welded Tip with Copper Core Center Electrode: Superior Performance

- Laser welded precision cut **iridium alloy tip** offers high durability and longer service life
- **Fine tip of 0.6mm** reduces ignition voltage requirement and significantly improves ignitability
- Superior response and outstanding acceleration
- High fuel efficiency
- **Copper core** offers excellent heat dissipation that prevents overheating of electrode

## B+E Extreme long service life

- Lasts much longer than typical OE plugs including platinum plugs and yttrium enhanced plugs

## C High Density Insulator: Maximum Strength

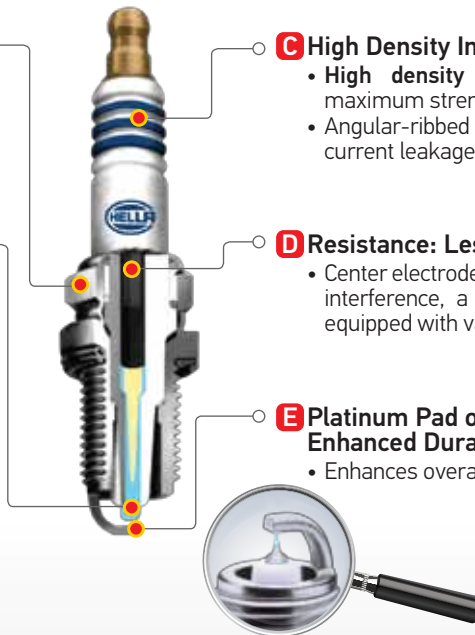
- High density **silicon dioxide ceramic** for maximum strength and insulation
- Angular-ribbed insulator design to prevent current leakage

## D Resistance: Less Interference

- Center electrode with **resistance** for suppressing interference, a benefit for many modern cars equipped with various electronic devices

## E Platinum Pad on Ground Electrode: Enhanced Durability and Longer Life

- Enhances overall durability of ground electrode



Recommended Service Interval:  
Approx. 100,000km

Available in 4 pc retail pack  
and 10 pc box.



## When do we change spark plugs?

The service life of the spark plug depends on the type of spark plug used, from approximately 30,000km for **HELLA Energy** plug up to 100,000km for **HELLA Iridium Pro**. It is also recommended that you follow the replacement interval listed in your vehicle owner's manual.

Spark plug service life cannot be guaranteed because the performance of the spark plug is dependent on several varying factors. These factors include driving habits, type of fuels leading to varying amount of corrosive substances in the cylinders, differences in the tolerance or accuracy of various components including sensors in each engine system and the overall performance of the engine itself.

A general guideline is to inspect the spark plugs when you send your car for a thorough servicing each year. If you experience frequent engine knocking with a significant drop in fuel economy, it could mean that it is time to replace your spark plug.

## Installation Guide:

- 1 As always, check the car manual to see what is the plug type indicated. Typically, the car manufacturer states the engine type and plug type in the manual.
- 2 Allow the car engine to cool down.
- 3 Use the plug specification as recommended by the engine manual.
- 4 Remove and install one plug at a time to avoid connecting the wrong cable to the wrong plug. This is critical as each plug is fired at a specific timing sequence set by the car manufacturer.
- 5 Before removing the existing plug from each cylinder, gently brush off any debris around the plug to prevent dirt from getting into the cylinder during removal of the plug.
- 6 Use a torque wrench to fasten the plug into the cylinder.
- 7 Apply the correct torque value accordingly as indicated in the table below. These torque values should only apply to new plugs without lubricant on the thread. If the thread is already lubricated, the torque value should be reduced by one third.

Spark Plug Type Flat Seat – with gasket Taper Seat – without gasket	Iron Cover		Aluminium Cover	
	Nm	Kgfm	Nm	Kgfm
10mm Flat Seat	10 – 15	1.0 – 1.5	10 – 15	1.0 – 1.5
12mm Flat Seat	15 – 25	1.5 – 2.6	15 – 25	1.5 – 2.6
14mm Flat Seat	20 – 40	2.0 – 4.1	20 – 30	2.0 – 3.1
14mm Taper Seat	10 – 20	1.0 – 2.0	10 – 20	1.0 – 2.0
18mm Flat Seat	35 – 45	3.6 – 4.6	30 – 40	3.1 – 4.1
18mm Taper Seat	20 – 30	2.0 – 3.1	20 – 30	2.0 – 3.1

- 8 Ensure wrench and plug are coaxial.
- 9 Connect the spark plug cable to the terminal at the top of the plug securely and move on to the next plug, repeating the entire process again.



Y	MJ	7	R	C	P	5	-	8	U	D
1	2	3	4		5	6		7		8

**1 Center Electrode:**

- I - Iridium Tip center electrode with copper core
- P - Platinum Tip center electrode with copper core
- Y - Yttrium-Nickel center electrode with copper core
- C - Nickel center electrode with copper core

**2 Metal Shell:**

	Shell Type	Thread Length	Hexagon Size	Flat/Tapered Seat
H	M14 x 1.25	19mm	20.8mm	Flat
M	M14 x 1.25	19mm	16mm	Flat
S	M14 x 1.25	17.5mm	16mm	Tapered
FM	M12 x 1.25	19mm	16mm	Flat
MJ	M14 x 1.25	26.5mm	16mm	Flat
NF	M12 x 1.25	26.5mm	14mm	Flat
C	M10 x 1.00	12.7mm	16mm	Flat
D	M10 x 1.00	19mm	16mm	Flat
DJ	M10 x 1.00	19mm	16mm	Half Thread
F	M12 x 1.25	19mm	17.5mm	Flat
G	M14 x 1.25	12.7mm	20.8mm	Flat
FJ	M12 x 1.25	26.5mm	16mm	Flat
N	M14 x 1.25	9.5mm	19mm	Flat

**3 Heat Range:**

HELLA	NGK	Denso	Bosch
4	2	9	10
6	4	14	9
7	5	16	8
8	6	20	7,6
9	7	22	5
10	8	24	4
11	9	27	3
12	10	31	2

\* For HELLA range, the higher the index, the cooler the plug

- 4 R - Resistance
- C - Copper core

- 5 P - Projective nose
- N - Non-projective nose
- S - Surface gap
- Default - Projective

- 6 1 - 1mm nose size
- 5 - 5mm nose size
- 4 - 4mm nose size
- 7 - 7mm nose size
- Default - 3mm

- 7 Spark Gap:
  - 4 - 0.9mm
  - 9 - 0.9mm
  - 5 - 1.0mm
  - 10 - 1.0mm
  - 6 - 1.1mm
  - 11 - 1.1mm
  - 7 - 0.7mm
  - 8 - 0.8mm

- 8 U - U-groove ground electrode
- D - Double ground electrode
- P - Platinum pad on ground electrode



NGK	Bosch	Denso	HELLA Trade Number			
			Energy	Energy Pro	Platinum	Iridium Pro
<b>Standard Range</b>						
DCPR7EA-9	YR5DC+, YR5DC	XU22PR9	CFM9RP-9	YFM9RCP-9U	PFM9RC-9	IFM9RC-9P
BP5ES, BP5EY	W8DC	W16EX-U, W16EP-U	CH7P-8	YH7RCP-8U	PH7RC-8	IH7RC-8P
BPR5ES, BPR5EY	WR8DC, WR8DC+	W16EPR-U, W16EXR-U		YH7RCP-8U	PH7RC-8	IH7RC-8P
BP5EY-11, BPR5EY-11	W8DCX, WR8DCX, WR8DCX+	W16EP-11, W16EPR-U11		YH7RCP-11U	PH7RC-11	IH7RC-11P
BP5EY-11, BPR5EY-11	W8DCX, WR8DCX, WR8DCX+	W16EX-11, W16EXR-U11		YH7RCP-11U	PH7RC-11	IH7RC-11P
BP6ES, BP6EY	W7DC	W20EP-U, W20EX-U	CH8P-8	YH8RCP-8U	PH8RC-8	IH8RC-8P
BPR6ES, BPR6EY, BPR6EY	WR7DC, WR7DC+	W20EPR-U, W20EXR-U		YH8RCP-8U	PH8RC-8	IH8RC-8P
BKUR6ETB				YM8RC5-9D		
BP6ES-11, BPR6ES-11	W7DCX, WR7DCX, WR7DCX+	W20EP-11, W20EPR-U11		YH8RCP-11U	PH8RC-11	IH8RC-11P
BP6EY-11, BPR6EY-11	W7DCX, WR7DCX, WR7DCX+	W20EP-11, W20EPR-U11		YH8RCP-11U	PH8RC-11	IH8RC-11P
BK5E, BKR5E	FR8DC, FR8KC, FR8DC+, FR8KC+	K16R, K16PR, K16PR-U, K16R-U		YM7RCP-8U	PM7RC-8	IM7RC-8P
BK5EY, BKR5EY, BKR5EYA	FR8DC, FR8KC, FR8DC+, FR8KC+	K16R, K16PR, K16PR-U, K16R-U		YM7RCP-8U	PM7RC-8	IM7RC-8P
BK5E-11, BKR5E-11	FR8DCX, FR8KCX, FR8DCX+, FR8KCX+	K16R-11, K16PR-11, K16PR-U11, K16R-U11	CM7RP-11	YM7RCP-11U	PM7RC-11	IM7RC-11P
BK5EY-11, BKR5EY-11, BKR5EYA-11	FR8DCX, FR8KCX, FR8DCX+, FR8KCX+	K16R-11, K16PR-11, K16PR-U11	CM7RP-11	YM7RCP-11U	PM7RC-11	IM7RC-11P
LFR5B	FR8ME, FR8SC+	K16HPR-U11		YMJ7RCP-9U		
ZFR6F-11, ZFR6J-11	FR7LCX, FR7LCX+	KJ20CR-L11		YM8RCP5-11U	PM8RC5-11	IM8RC5-11P
ZFR5F-11	FR8LCX, FR8LCX+	KJ16CR-L11		YM7RCP5-11U	PM7RC5-11	IM7RC5-11P
BKUR6EK	FR7LDC, FR7LDC+	K20TXR		YM8RC5-9D		
BCP6ES, BCP6EY	F7DC, F7KC, FR7DC, FR7KC	Q20, Q20R, Q20R-U		YM8RC-9U	PM8RC-9	IM8RC-9P
BK6E, BKR6E	F7DC, F7KC, FR7DC, FR7KC	K20P, K20P-U, K20R, K20R-U, K20PR-U		YM8RC-9U	PM8RC-9	IM8RC-9P
BK6EYA, BKR6EYA	FR7DC, FR7KC, FR7DC+, FR7KC+	K20R-U, K20PR-U		YM8RC-9U	PM8RC-9	IM8RC-9P
BCP6ES-11, BCP6EY-11	F7DCX, F7KCX, FR7DCX, FR7KCX	Q20-11, Q20R-11, Q20R-U11	CM8RP-11	YM8RC-11U	PM8RC-11	IM8RC-11P
BK6E-11, BKR6E-11	F7DCX, F7KCX, FR7DCX, FR7KCX	K20P-11, K20P-U11, K20R-U11, K20PR-U11	CM8RP-11	YM8RC-11U	PM8RC-11	IM8RC-11P
BKR6E-11, BK6EYA-11, BKR6EYA-11	FR7DCX, FR7KCX, FR7DCX+, FR7KCX+	K20P-11, K20P-U11, K20R-U11, K20PR-U11	CM8RP-11	YM8RC-11U	PM8RC-11	IM8RC-11P
LFR5A-11, LFR5AGP		K16HPR-U11		YMJ7RCP5-11U	PMJ7RC5-11	IMJ7RC5-11P
LZKAR7A	VR8SC+, VR8SC	XE20HR-U9		YNF9RCP-9U		
BPR6EF-11	HR7DCX+, HR7DCX	T20EPR-U11	CS8RP-11	YS8RCP-11U		
BP6EFS	H7DC, HR7DC+		CS8P-8	YS8RCP-8U		
	F8DC4		CM7P-8			
<b>Performance Range</b>						
PFR6J-11, PFR6B-11	FR5DPP222	PK20PR-L11			PM9RC-11	IM9RC-11P
PFR5R-11, IFR5A-11, IFR5G-11	FR8DPP33+	PK16PR-L11			PM7RC-11	IM7RC-11P
BKR5EGP, BKR5EP, BKR5EIX	FR8DPP33+	VK16, IK16			PM7RC-10	IM7RC-10P
BKR6EGP, BKR6EP, BKR6EIX		VK20, IK20, VKB20			PM8RC-10	IM8RC-10P
	FR7KPP33+, FR7KPP33U+				PM8RC-7	IM8RC-7P
ILFR6A, PLFR6C	FR6NI332S	VKH20Y, IKH20Y			PMJ8RC4-8	IMJ8RC4-8P
ILZFR6C-K	FR6MPP332	SK20HPR-L9, VKH20Y			PMJ8RC4-8	IMJ8RC4-8P
PFR6Q	FR6KPP332S	PK20PR-P8			PM8RC-7	IM8RC-7P
PFR6G-11, PFR6N-11, IFR6A-11	FR6KPP33X+, FR78X	PK20PR-P11			PM8RC-11	IM8RC-11P
	FR8DPX				PM7RC-11	IM7RC-11P
	FR7DPP22U					IM8RC-10P
ILZFR6D-11	FR7NPP33, FR7NPP332	VKH20Y, IKH20Y			PMJ8RC4-10	IMJ8RC4-10P
ILKAR7B-11, LKAR7B-11		SC20HR11, VCH20			PFJ8RC-11	IFJ8RC-11P
IFR7F-4D						IM9RC-4P
BKR7EVX-11		K22PRZU-11			PM9RC-11	IM9RC-11P
BKR9EIX		IK27 (supercedes K27A-Z, K27PR-ZU)				IM11RC-8P
BKR8EIX		IK24 (supercedes K24PR-ZU)				IM10RC-8P
DCPR8EVX		XU24EPRP, XU24EPZU			PFM10RC-8	IFM10RC-8P
PZFR5D-11 (7mm nose)	FR7HPP33+				PM7RC7-11	IM7RC7-11P
IZFR6K-11	FR6LI332S	SKJ20DR-M13				IM8RC5-11P
PZFR5F-11, IZFR5F-11 (5mm nose)	FR8LPX, FR8LCX+	PKJ16CR-L11, SKJ16CR-L11, SC20HR11, VCH20			PM7RC5-11	IM7RC5-11P
						IFJ8RC-11P
	YR7MPP33					IFJ8RC-8P
BKR6EQUP	FGR7DQP+					IM8RC-8P
		IKH16				IMJ7RC5-11P
		IXU22				IFM9RC-9P
	ZGR6STE2				PFJ8RC-7	
BKR5EIX						IM7RC-10P
BPR6EIX-11						IH8RC-11P
BPR5EIX						IH7RC-8P
BKR6EIX						IM8RC-10P
ZFR5FIX-11						IM7RC-11P
ZFR5AIX-11						IMJ7RC5-11P
BPR5EIX-11						IH7RC-11P
BKR5EIX-11						IM7RC-11P
LFR6AIX-P						IMJ8RC4-8P
ILFR6D11						IMJ8RC4-10P
LFR6AIX-11						IMJ8RC4-10P
BKR6IEX						IM8RC-10P
BKR6IEX-11						IM8RC-11P
ZFR6FIX-11						IM8RC5-11P
ZFR6KIX-11PS						IM8RC-11P
	BKR5EGP				PM7RC-10	
	BKR6EGP				PM8RC-10	
	BPR6EGP				PH7RC-11	
	BPR5EGP				PH7RC-11	
	ZFR5FGP				PM7RC-11	
	LFR5AGP				PMJ7RC5-11	
	BKR6EGP				PM8RC-10	
	FR5GP				PM7RC-11	
	BKR6EGP				PM8RC-10	
	ZFR6F-GP				PM8RC5-11	
		ZXU22PR-11				IFM9RC-11P
		SK20HR-11				IMJ8RC-11P



**Note:**  
The above cross reference information is to the best of our knowledge.  
For the most accurate information on the type of spark plug type used in your particular car model, please refer to your car manual.

HELLA Trade Number	Special Remarks	HELLA Part Number (Single pc) MOQ 10 pcs	HELLA Part Number		Torque (Nm)
			4-piece pack	3-piece pack	
<b>HELLA Energy</b>					
CFM9RP-9		8EH 188 704-211	4-piece blister pack 8EH 188 704-212	3-piece blister pack NA	15-26
CFM9RP-11		8EH 188 704-521	NA	NA	15-26
CFJ8RP-11		8EH 188 704-501	NA	NA	15-26
CH7P-8	without resistance	8EH 188 704-161	8EH 188 704-162	NA	20-30
CH8P-8	without resistance	8EH 188 704-171	8EH 188 704-172	NA	20-30
CM7P-8	without resistance	8EH 188 704-271	NA	NA	20-30
CM7RP-11		8EH 188 704-181	8EH 188 704-182	NA	20-30
CM7RP5-11		8EH 188 704-491	NA	NA	20-30
CM8RP-11		8EH 188 704-191	8EH 188 704-192	NA	20-30
CMJ8RP-11		8EH 188 704-511	NA	NA	20-30
CS8P-8	without resistance	8EH 188 704-261	NA	NA	10-20
CS8RP-11		8EH 188 704-201	8EH 188 704-202	NA	10-20
<b>HELLA Energy Pro</b>					
YFM9RCP-9U		8EH 188 704-101	4-piece blister pack 8EH 188 704-102	3-piece blister pack NA	15-26
YH7RCP-8U		8EH 188 704-001	8EH 188 704-002	8EH 188 704-003	20-30
YH7RCP-11U		8EH 188 704-041	8EH 188 704-042	NA	20-30
YH8RCP-8U		8EH 188 704-021	8EH 188 704-022	8EH 188 704-023	20-30
YH8RCP-11U		8EH 188 704-151	8EH 188 704-152	NA	20-30
YM7RCP-8U		8EH 188 704-051	8EH 188 704-052	NA	20-30
YM7RCP-11U		8EH 188 704-031	8EH 188 704-032	8EH 188 704-033	20-30
YM7RCP5-11U		8EH 188 704-231	8EH 188 704-232	NA	20-30
YM8RCP-9U		8EH 188 704-071	8EH 188 704-072	NA	20-30
YM8RCP-11U		8EH 188 704-011	8EH 188 704-012	NA	20-30
YM8RCS5-9D	Double ground electrode. No U-groove.	8EH 188 704-091	8EH 188 704-092	NA	20-30
YM8RCP5-11U		8EH 188 704-111	8EH 188 704-112	NA	20-30
YMJ7RCP-9U		8EH 188 704-141	8EH 188 704-142	NA	20-30
YMJ7RCP5-11U		8EH 188 704-121	8EH 188 704-122	NA	20-30
YNF9RCP-9U	Flat surface insulator without angular rib.	8EH 188 704-131	8EH 188 704-132	NA	15-26
YNF9RCP-11U	Flat surface insulator without angular rib.	8EH 188 704-221	8EH 188 704-222	NA	15-26
YS8RCP-8U		8EH 188 704-251	NA	NA	10-20
YS8RCP-11U		8EH 188 704-081	8EH 188 704-082	NA	10-20
<b>HELLA Platinum</b>					
PFJ8RC-7		8EH 188 705-261	4-piece paperbox pack NA		15-26
PFJ8RC-11		8EH 188 705-421	NA		15-26
PFM8RC-8		8EH 188 705-271	NA		15-26
PFM9RC-8		8EH 188 705-281	NA		15-26
PFM9RC-9		8EH 188 705-251	NA		15-26
PFM10RC-8		8EH 188 705-211	8EH 188 705-212		15-26
PFM9RC-11		8EH 188 705-441	NA		15-26
PH7RC-8		8EH 188 705-121	8EH 188 705-122		20-30
PH7RC-11		8EH 188 705-131	8EH 188 705-132		20-30
PH8RC-8		8EH 188 705-141	8EH 188 705-142		20-30
PH8RC-11		8EH 188 705-151	8EH 188 705-152		20-30
PM7RC-8		8EH 188 705-111	8EH 188 705-112		20-30
PM7RC-10		8EH 188 705-041	8EH 188 705-042		20-30
PM7RC-11		8EH 188 705-061	8EH 188 705-062		20-30
PM8RC-7		8EH 188 705-031	8EH 188 705-032		20-30
PM8RC-9		8EH 188 705-091	8EH 188 705-092		20-30
PM8RC-10		8EH 188 705-071	8EH 188 705-072		20-30
PM8RC-11		8EH 188 705-021	8EH 188 705-022		20-30
PM9RC-4		8EH 188 705-171	8EH 188 705-172		20-30
PM9RC-10		8EH 188 705-011	8EH 188 705-012		20-30
PM9RC-11		8EH 188 705-181	8EH 188 705-182		20-30
PM10RC-8		8EH 188 705-201	8EH 188 705-202		20-30
PM11RC-8		8EH 188 705-191	8EH 188 705-192		20-30
PM7RC5-11		8EH 188 705-231	8EH 188 705-232		20-30
PM8RC5-11		8EH 188 705-221	8EH 188 705-222		20-30
PM7RC7-11		8EH 188 705-241	8EH 188 705-242		20-30
PMJ7RC5-11		8EH 188 705-101	8EH 188 705-102		20-30
PMJ8RC4-8		8EH 188 705-051	8EH 188 705-052		20-30
PMJ8RC4-10		8EH 188 705-081	8EH 188 705-082		20-30
PMJ8RCN-11		8EH 188 705-431	NA		20-30
PNF9RC-11		8EH 188 705-161	8EH 188 705-162		15-26
<b>HELLA Iridium Pro</b>					
IFJ8RC-8P		8EH 188 706-271	4-piece paperbox pack NA		15-26
IFJ8RC-11P		8EH 188 706-311	NA		15-26
IFM8RC-8P		8EH 188 706-291	NA		15-26
IFM9RC-8P		8EH 188 706-301	NA		15-26
IFM9RC-9P		8EH 188 706-251	NA		15-26
IFM9RC-11P		8EH 188 706-461	NA		15-26
IFM10RC-8P		8EH 188 706-211	8EH 188 706-212		15-26
IFM10RC-9P		8EH 188 706-471	8EH 188 706-472		15-26
IH7RC-8P		8EH 188 706-121	8EH 188 706-122		20-30
IH7RC-11P		8EH 188 706-131	8EH 188 706-132		20-30
IH8RC-8P		8EH 188 706-141	8EH 188 706-142		20-30
IH8RC-11P		8EH 188 706-151	8EH 188 706-152		20-30
IM7RC-8P		8EH 188 706-111	8EH 188 706-112		20-30
IM7RC-10P		8EH 188 706-041	8EH 188 706-042		20-30
IM7RC-11P		8EH 188 706-061	8EH 188 706-062		20-30
IM8RC-7P		8EH 188 706-031	8EH 188 706-032		20-30
IM8RC-8P		8EH 188 706-261	NA		20-30
IM8RC-9P		8EH 188 706-091	8EH 188 706-092		20-30
IM8RC-10P		8EH 188 706-071	8EH 188 706-072		20-30
IM8RC-11P		8EH 188 706-021	8EH 188 706-022		20-30
IM9RC-4P		8EH 188 706-171	8EH 188 706-172		20-30
IM9RC-10P		8EH 188 706-011	8EH 188 706-012		20-30
IM9RC-11P		8EH 188 706-181	8EH 188 706-182		20-30
IM10RC-4P		8EH 188 706-281	NA		20-30
IM10RC-8P		8EH 188 706-201	8EH 188 706-202		20-30
IM11RC-8P		8EH 188 706-191	8EH 188 706-192		20-30
IM7RC5-11P		8EH 188 706-231	8EH 188 706-232		20-30
IMJ7RC5-11P		8EH 188 706-101	8EH 188 706-102		20-30
IMJ8RC4-8P		8EH 188 706-051	8EH 188 706-052		20-30
IMJ8RC4-10P		8EH 188 706-081	8EH 188 706-082		20-30
IMJ8RC-11P		8EH 188 706-451	NA		20-30
IM8RC5-11P		8EH 188 706-221	8EH 188 706-222		20-30
IM7RC7-11P		8EH 188 706-241	8EH 188 706-242		20-30
INF9RC-11P		8EH 188 706-161	8EH 188 706-162		15-26



**Note:**  
Energy Plus and Iridium Plus is now replaced by Energy Pro and Iridium Pro.  
Packaging change would be in gradual transition for these 2 product lines & would take place for orders place to factory from 01.08.14 onwards.

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