

Unleash the POWER



Unleash the POWERAbout 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.







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 Plus** lasts longer than typical OE plugs. The performance series **HELLA Platinum** and **Iridium Plus** 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.

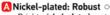
HELLA Spark Plugs	Standa	rd Series	Performance Series			
	Energy •	Energy Plus 👊 🖼	Platinum 👊 🖼 🔭	Iridium Plus 👊 👊 🔭		
Technology	Nickel center electrode with copper core	Yttrium center electrode with copper core and U-groove ground electrode	Platinum tip with copper core center electrode	Iridium tip with copper core center electrode and platinum pad on ground electrode		
Benefits	Service life of up to 30,000km Durable	Service life of up to 40,000km Durable Fuel efficient Smoother combustion	Long service life of up to 60,000km Improved durability Faster response and acceleration Improved fuel efficiency Better combustion	Longest service life of up to 100,000km Best durability Superior response and acceleration Highest fuel efficiency Superior combustion and power		



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.



- Bright nickel-plated metal shell offers strong resistance against corrosion
- Rust-resistant properties enable an easier removal of spark plug during replacement
- Copper Core: Durable ONickel center electrode with copper core
 - Copper core offers excellent heat dissipation that prevents overheating of electrode
 - Lasts longer than nickel core standard plugs



High Density Insulator: Maximum Strength

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

■ Resistance: Less Interference

- Center electrode with resistance for suppressing interference, a benefit for many modern cars equipped with various eletronic 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 Plus Spark Plug

Long Life, Better Combustion

HELLA Energy Plus 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 Plus 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

BNickel-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

High Density Insulator: Maximum Strength

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

■ Resistance: Less Interference

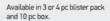
 Center electrode with resistance for suppressing interference, a benefit for many modern cars equipped with various eletronic devices

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 combusion and better fuel efficiency



Recommended Service Interval: Approx. 40,000km







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 \circ

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



- · 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

High Density Insulator: Maximum Strength

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

Resistance: Less Interference

· Center electrode with resistance for suppressing interference, a benefit for many modern cars equipped with various eletronic devices



Available in 4 pc retail pack and 10 pc box.





HELLA Iridium Plus Spark Plug PERFORMANCE

Superior Performance and Acceleration Extreme Long Life

The spark plug center electrode tip and ground electrode are the areas where most of the wear and tear happens. **HELLA Iridium Plus** 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 O

- 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

High Density Insulator: Maximum Strength High density silicon dioxide ceramic for

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

Resistance: Less Interference

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

Ellatinum Pad on Ground Electrode: Enhanced Durability and Longer Life

· Enhances overall durability of ground electrode

BHE Extreme long service life

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

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 Plus**. 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	li	ron Cover	Aluminium Cover		
Taper Seat – without gasket	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 wretch 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.



Υ	MJ	7	R	С	Р	5	-	8	U	
1	2	3		4	5	6		7	(3

1 Center Electrode:

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

Meta	Metal Shell:							
	Shell Type	Thread Length	Hexagon Size	Flat/Taper Seat				
н	M14 x 1.25	19mm	20.8mm	Flat				
М	M14 x 1.25	19mm	16mm	Flat				
S	M14 x 1.25	17.5mm	16mm	Tapered				
FM	M12 x 1.25	19mm	17.5mm	Flat				
MJ	M14 x 1.25	26.5mm	16mm	Flat				
NF	M12 x 1.25	26.5mm	14mm	Flat				

Heat Ran	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
- P Projective noseS Surface gapDefault Projective
- 6 5 5mm nose size 4 - 4mm nose size Default - 3mm
- 7 Spark Gap:
 - 7 0.7mm
 - 8 0.8mm
 - **9** 0.9mm
 - **10** 1.0mm
 - 11 1.1mm
- 8 U U-groove ground electrode
 - D Double ground electrode
 - P Platinum pad on ground electrode



NGK	Bosch	Denso	HELLA Trade Number			Remarks	
NON			Energy	Energy Plus	Platinum	Iridium Plus	Remarks
OCPR7EA-9	YR7DC+, YR7DC	XU22PR9		YFM9RCP-9U			
BP5ES	W8DC	W16EP	CH7P-8	YH7RCP-8U			
3PR5ES	WR8DC, WR8DC+	W16EPR-U		YH7RCP-8U			
BP5EY	W8DC	W16EP	CH7P-8	YH7RCP-8U			
BPR5EY	WR8DC, WR8DC+	W16EPR-U		YH7RCP-8U			
BP5ES-11	W8DCX	W16EP-11		YH7RCP-11U			
BPR5ES-11	WR8DCX, WR8DCX+	W16EPR-U11		YH7RCP-11U			
BP5EY-11	W8DCX	W16EX-11		YH7RCP-11U			
BPR5EY-11	WR8DCX, WR8DCX+	W16EXR-U11		YH7RCP-11U			
BP6ES	W7DC	W20EP	CH8P-8	YH8RCP-8U			
BPR6ES	WR7DC, WR7DC+	W20EPR-U	01101-0	YH8RCP-8U			
BP6EY	W7DC	W20EX	CH8P-8	YHSRCP-8U			
BPR6EY	WR7DC, WR7DC+	W20EXR-U	CHOF-0	YH8RCP-8U			
BP6ES-11	W7DCX	W20EP-11		YH8RCP-11U			
BPR6ES-11	WR7DCX, WR7DCX+	W20EPR-U11		YH8RCP-11U			
BP6EY-11	W7DCX	W20EP-11		YH8RCP-11U			
BPR6EY-11	WR7DCX, WR7DCX+	W20EPR-U11		YH8RCP-11U			
BK5E	F8DC, F8KC	K16P		YM7RCP-8U	PM7RC-10	IM7RC-10P	•
BKR5E	FR8DC, FR8KC	K16R, K16PR, K16PR-U, K16R-U		YM7RCP-8U	PM7RC-10	IM7RC-10P	•
BKR5E	FR8DC+, FR8KC+	K16R, K16PR, K16PR-U, K16R-U		YM7RCP-8U	PM7RC-10	IM7RC-10P	•
BK5EY	F8DC, F8KC	K16P, K16R		YM7RCP-8U	PM7RC-10	IM7RC-10P	•
BKR5EY	FR8DC, FR8KC	K16R, K16PR, K16PR-U, K16R-U		YM7RCP-8U	PM7RC-10	IM7RC-10P	•
BKR5EY	FR8DC+, FR8KC+	K16R, K16PR, K16PR-U, K16R-U		YM7RCP-8U	PM7RC-10	IM7RC-10P	•
BKR5EYA	FR8DC, FR8KC	K16R, K16PR, K16PR-U, K16R-U		YM7RCP-8U	PM7RC-10	IM7RC-10P	•
BKRSEYA	FR8DC+, FR8KC+	K16R, K16PR, K16PR-U, K16R-U		YM7RCP-8U	PM7RC-10	IM7RC-10P	•
BK5E-11	FBDCX, FBKCX	K16P-11	CM7RP-11	YM7RCP-11U	PM7RC-10	IM7RC-10P	•
BKR5E-11	FR8DCX, FR8KCX	K16R-11, K16PR-11, K16PR-U11	CM7RP-11	YM7RCP-11U	PM7RC-10	IM7RC-10P	•
BKR5E-11	FR8DCX+, FR8KCX+	K16R-11, K16PR-11, K16PR-U11	CM7RP-11	YM7RCP-11U	PM7RC-10	IM7RC-10P	
BK5EY-11	FR8DCX, FR8KCX	K16R-11, K16PR-11, K16PR-U11	CM7RP-11	YM7RCP-11U	PM7RC-10	IM7RC-10P	
BKR5EY-11	FR8DCX, FR8KCX	K16R-11, K16PR-11, K16PR-U11	CM7RP-11	YM7RCP-11U	PM7RC-10	IM7RC-10P	
BKR5EY-11	FR8DCX+, FR8KCX+	K16R-11, K16PR-11, K16PR-U11	CM7RP-11	YM7RCP-11U	PM7RC-10	IM7RC-10P	
BKR5EYA-11	FR8DCX, FR8KCX	K16R-11, K16PR-11, K16PR-U11	CM7RP-11	YM7RCP-11U	PM7RC-10	IM7RC-10P	
BKR5EYA-11	FR8DCX+, FR8KCX+		CM7RP-11	YM7RCP-11U	PM7RC-10	IM7RC-10P	
		K16R-11, K16PR-11, K16PR-U11	CM/RP-11		PM/RC-10	IM/RC-TUP	•
LFR5B	FR8ME	K16HPR-U9		YMJ7RCP-9U			
ZFR6F-11	FR7LCX, FR7LCX+	KJ20CR-L11		YM8RCP5-11U			
ZFR6J-11	FR7LCX, FR7LCX+	KJ20CR-L11		YM8RCP5-11U			
BKUR6EK	FR7LDC, FR7LDC+	K20TNR-S		YM8RCS5-9D			
BCP6ES	F7DC, F7KC	020		YM8RCP-9U	PM8RC-11	IM8RC-11P	•
BCPR6ES	FR7DC, FR7KC	Q20R, Q20R-U		YM8RCP-9U	PM8RC-11	IMBRC-11P	•
BK6E	F7DC, F7KC	K20P, K20P-U		YM8RCP-9U	PM8RC-11	IMBRC-11P	•
BKR6E	FR7DC, FR7KC	K20R, K20R-U, K20PR-U		YM8RCP-9U	PM8RC-11	IM8RC-11P	•
BKR6E	FR7DC+, FR7KC+	K20R, K20R-U, K20PR-U		YM8RCP-9U	PM8RC-11	IM8RC-11P	•
BK6EYA	FR7DC, FR7KC	K20R-U, K20PR-U		YM8RCP-9U	PM8RC-11	IMBRC-11P	•
BK6EYA	FR7DC+, FR7KC+	K20R-U, K20PR-U		YM8RCP-9U	PM8RC-11	IMBRC-11P	
BKR6EYA	FR7DC, FR7KC	K20R-U, K20PR-U		YM8RCP-9U	PM8RC-11	IM8RC-11P	
BKR6EYA	FR7DC+, FR7KC+	K20R-U, K20PR-U		YM8RCP-9U	PM8RC-11	IMBRC-11P	
BCP6ES-11	F7DCX, F7KCX	Q20-11	CM8RP-11	YM8RCP-11U	PM8RC-11	IMBRC-11P	
BCPR6ES-11	FR7DCX, FR7KCX	Q20R-11, Q20R-U11	CM8RP-11	YM8RCP-11U	PM8RC-11	IMBRC-11P	
BK6E-11	F7DCX, F7KCX	K20P-11, K20P-U11	CM8RP-11	YMBRCP-11U	PM8RC-11	IMBRC-11P	
3KR6E-11	FR7DCX, FR7KCX	K20R-11, K20R-U11, K20PR-U11	CM8RP-11	YMBRCP-11U	PM8RC-11	IMBRC-11P	
BKR6E-11	FR7DCX+, FR7KCX+	K20R-11, K20R-U11, K20PR-U11	CM8RP-11	YM8RCP-11U	PM8RC-11	IMBRC-11P	
BK6EYA-11	FR7DCX+, FR7KCX+ FR7DCX, FR7KCX	K20R-11, K20R-011, K20PK-011 K20R-U11, K20PR-U11	CM8RP-11	YMBRCP-11U YMBRCP-11U	PM8RC-11	IMBRC-11P	
BK6EYA-11	FR7DCX+, FR7KCX+	K20R-U11, K20PR-U11	CM8RP-11	YM8RCP-11U	PM8RC-11	IMBRC-11P	
BKR6EYA-11	FR7DCX, FR7KCX	K20R-U11, K20PR-U11	CM8RP-11	YM8RCP-11U	PM8RC-11	IM8RC-11P	
BKR6EYA-11	FR7DCX+, FR7KCX+	K20R-U11, K20PR-U11	CM8RP-11	YM8RCP-11U	PM8RC-11	IM8RC-11P	
LFR5A-11	FR8SC+, FR8SC	K16HPR-U11		YMJ7RCP5-11U			
ZKAR7A	VR8SC+, VR8SC	XE20HR-U9		YNF9RCP-9U			
BPR6EF-11	HR7DCX+, HR7DCX	T20EPR-U11		YS8RCP-11U			
Performance Range							
PFR6J-11	FR5DPP222	PK20PR-L11			PM9RC-11	IM9RC-11P	•
PFR5R-11, IFR5A-11, IFR5G-11	FR8DPP33+	PK16PR-L11			PM7RC-10	IM7RC-10P	•
BKRSEGP, BKRSEP, BKRSEIX	FR8DPP33+	VK16, IK16			PM7RC-10	IM7RC-10P	•
BKR6EGP, BKR6EP, BKR6EIX	FR7KPP33U+, FR6KPP33X	VK20, IK20			PM8RC-7	IMBRC-7P	•
ZFR6H-11, IFR6D-10, IFR6Q-G	FR7KPP33U+, FR7KPP332	VK20, IK20			PM8RC-7	IM8RC-7P	
LZFR6C-K	FR7NPP33	VKH20Y, IKH20Y			PMJ8RC4-8	IMJ8RC4-8P	
PLFR6C	FR/NPP332	VKH20Y, IKH20Y			PMJ8RC4-8	IMJ8RC4-8P	
	FR/NPP332 FR6MPP332						
LFR6A		SK20HPR-L9, VKH20Y			PMJ8RC4-8	IMJ8RC4-8P	•
PFR6Q PFR6G-11, PFR6N-11, IFR6A-11	FR6KPP332S FR6KPP33X+	PK20PR-P8			PM8RC-7	IM8RC-7P	•
		PK20PR-P11			PM8RC-11	IM8RC-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.



[•] regap IM7RC-10P & PM7RC-10 to 0.8mm • regap IM8RC-11P & PM8RC-11 to 0.9mm

[•] regap IM7RC-10P & PM7RC-10 to 1.1mm • refer to car app for exact spark gap

HELLA	Remarks	HELLA Part Number	HELLA Pa	rt Number	Torque	
Trade Number		(Single pc) MOQ 10 pcs	(4pc blister pack)	(3pc blister pack)	(Nm)	
HELLA Energy						
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	
CM7RP-11		8EH 188 704-181	8EH 188 704-182	NA	20-30	
CM8RP-11		8EH 188 704-191	8EH 188 704-192	NA	20-30	
HELLA Energy Plus						
YH7RCP-8U		8EH 188 704-001	8EH 188 704-002	8EH 188 704-003	20-30	
YM8RCP-11U		8EH 188 704-011	8EH 188 704-012	NA	20-30	
YH8RCP-8U		8EH 188 704-021	8EH 188 704-022	8EH 188 704-023	20-30	
YM7RCP-11U		8EH 188 704-031	8EH 188 704-032	8EH 188 704-033	20-30	
YH7RCP-11U		8EH 188 704-041	8EH 188 704-042	NA	20-30	
YM7RCP-8U		8EH 188 704-051	8EH 188 704-052	NA	20-30	
YM8RCP-9U		8EH 188 704-071	8EH 188 704-072	NA	20-30	
YS8RCP-11U		8EH 188 704-081	8EH 188 704-082	NA	10-20	
YM8RCS5-9D	Double ground electrode. No U-groove.	8EH 188 704-091	8EH 188 704-092	NA	20-30	
YFM9RCP-9U		8EH 188 704-101	8EH 188 704-102	NA	15-26	
YM8RCP5-11U		8EH 188 704-111	8EH 188 704-112	NA	20-30	
YMJ7RCP5-11U		8EH 188 704-121	8EH 188 704-122	NA	20-30	
YNF9RCP-9U	Fused terminal. Flat surface insulator without angular rib.	8EH 188 704-131	8EH 188 704-132	NA	15-26	
YMJ7RCP-9U		8EH 188 704-141	8EH 188 704-142	NA	20-30	
YH8RCP-11U		8EH 188 704-151	8EH 188 704-152	NA	20-30	
HELLA Platinum						
PM9RC-10		8EH 188 705-011	8EH 188 705-012	NA	20-30	
PM8RC-11		8EH 188 705-021	8EH 188 705-022	NA	20-30	
PM8RC-7		8EH 188 705-031	8EH 188 705-032	NA	20-30	
PM7RC-10		8EH 188 705-041	8EH 188 705-042	NA	20-30	
PMJ8RC4-8		8EH 188 705-051	8EH 188 705-052	NA	20-30	
HELLA Iridium Plus						
IM9RC-10P		8EH 188 706-011	8EH 188 706-012	NA	20-30	
IM8RC-11P		8EH 188 706-021	8EH 188 706-022	NA	20-30	
IM8RC-7P		8EH 188 706-031	8EH 188 706-032	NA	20-30	
IM7RC-10P		8EH 188 706-041	8EH 188 706-042	NA	20-30	
IMJ8RC4-8P		8EH 188 706-051	8EH 188 706-052	NA	20-30	



