RYDER

Parts Engineered To Perfection

SPARK PLUG

RYDER

OEM

Automotive Parts

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PASSIONATE RACING

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LATEST TECHNOLOGY:

DOUBLE IRIDIUM (TIP TO TIP) HIGHER PERFORMANCE, LIFESPAN OVER 100,000KM.

AFTER SALES SUPPORT:

15 DAYS UNCONDITIONAL RETURN AND EXCHANGE, 24/7 0NLINE CUSTOMER SERVICE.

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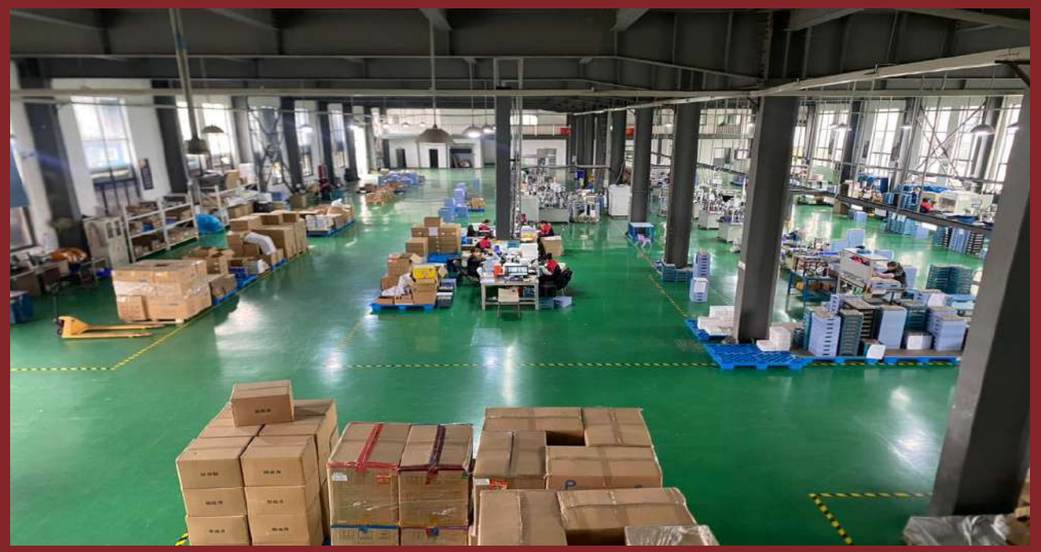
COMPANY PROFILE

Ryder a leading automotive brand specialized in SPARK PLUG AND SUSPENTION PARTS, stands as a beacon of excellence, integrating scientific research and production of specialize inour core area. We proudly hold the distinction of being one of the leading spark plug manufacturing facility in Malaysia, China with a patent for spark plug resistance powder. The spark plug crafted by our expert team find extensive application, gracing over 99% of vehicles worldwide, including automobiles, motorcycles, small engines, and gasoline turbines. With substantial annual production capacity of high-quality spark plugs and suspension parts, we remain steadfast in our commitment to quality and innovation.

Furthermore, our company is dedicated to tailoring bespoke technical solutions to meet the unique need of our customers, ensuring optimal performance and operational efficiency. Leveraging our proficient engineering capabilities, we offer comprehensive OEM, ODM, and REM services. Empowering our clients with tailored solutions that exceed expectations.



Enterprise Spirit: Pursuit of excellence and courage to innovate.

Corporate Vision: Expand global marketing network and create an international brand originating from China.

Corporate Mission: Contribute our utmost to energy conservation and environmental protection.

Corporate Philosophy: "Professionalism, Innovation, Integrity, Win-Win".

Enterprise Tenet: "Four Highs".

High Starting Point:
To stand at a high point enables us to have a broader vision, to lead domestically, and to align with international standards.

High Efficiency:
Achieving high efficiency in production processes, having an efficient management team, and fostering a culture of efficient service.

High Quality:
Prioritizing quality over quantity, implementing rigorous quality control measures at every step, and delivering superior products and services to customers to build a reputable brand.

High Requirements:
Adhering to strict self-discipline, implementing rigorous procurement and production monitoring mechanisms.

PRODUCT ADVANTAGES

SPARK PLUG MATERIALS MAINLY INCLUDE:
NICKEL COPPER ALLOY, PLATINUM, IRIDIUM, ETC.
THESE MATERIALS HAVE EXCELLENT ELECTRICAL CONDUCTIVITY.

ELECTRODE MATERIAL		LIFESPAN	MELTING POINT
NI-CU		30,000 KM	1453℃
PLATINUM		50,000 KM	1772℃
DOUBLE PLATINUM		80,000 KM	1772℃
IRIDIUM		80,000 KM	2454℃
IRIDIUM-PLATINUM		100,000 KM	2454℃
DOUBLE IRIDIUM		OVER 100,000 KM	2454℃

RYDER NI-CU SPARK PLUGS

- HIGH COST PERFORMANCE, MOST FAVORED BY CONSUMERS
- STABLE STATUS
- REDUCE CARBON DEPOSITS
- RAPID IGNITION
- IGNITION CONCENTRATION

RYDER PLATINUM/ IRIDIUM SPARK PLUG

- INCREASE MOTIVATION
- STABLE STATUS
- REDUCE CARBON DEPOSITS
- RAPID IGNITION
- IGNITION CONCENTRATION
- SAVE FUEL
- 0.4MM ULTRA-FINE PLATINUM/IRIDIUM CENTER ELECTRODE
- 99.5% PLATINUM/IRIDIUM CONTENT REACHES 99.5%

RYDER DOUBLE PLATINUM/ IRIDIUM PLATINUM/ DOUBLE IRIDIUM SPARK PLUG

- INCREASE MOTIVATION
- STABLE STATUS
- REDUCE CARBON DEPOSITS
- RAPID IGNITION
- IGNITION IS MORE CONCENTRATED
- HIGHER IGNITION EFFICIENCY
- MORE FUEL SAVING
- BOTH ENDS OF THE ELECTRODE ARE 0.4MM ULTRA-FINE PLATINUM/IRIDIUM
- 99.5% PLATINUM/IRIDIUM CONTENT REACHES 99.5%

PRODUCT MODEL DESCRIPTION

Ryder SPARK PLUG PRODUCT CODE READ METHOD

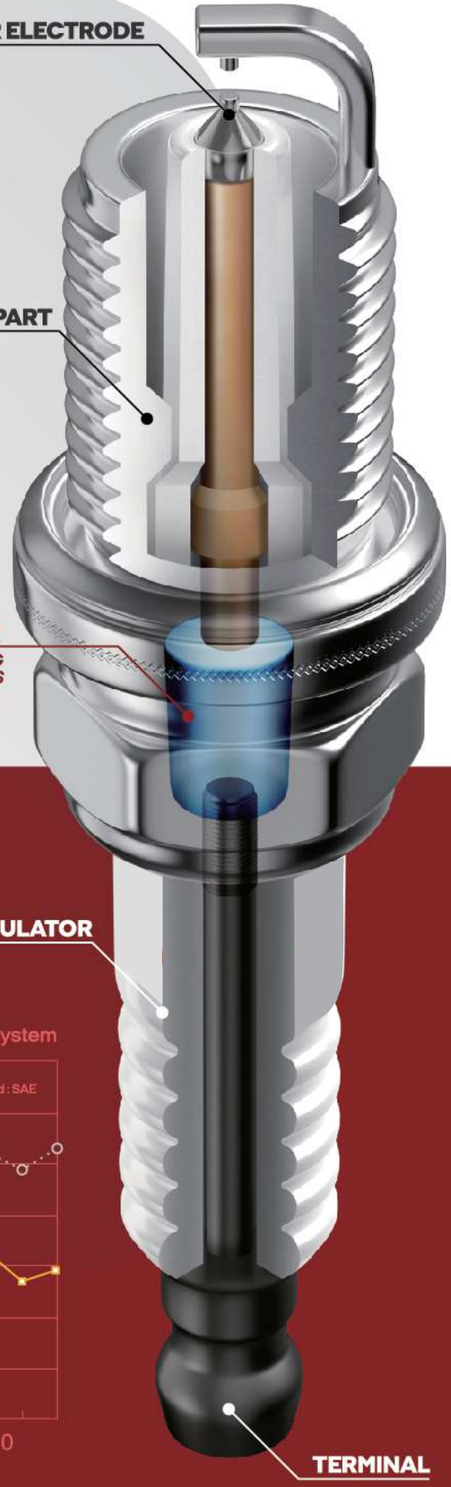
B	P	5	R	E	S-	-11
<THREAD DIAMETER>	P...Insulator protruding type	<hot price>	R...resistor	<Thread length>	B...Integral terminal(CR8EB) Cm:Seat height is shorter CS:trapezoidal outer electrode D...exclusively for Daihatsu(BCPR6ED) G、GV:Racing spark plugs IX...Iridium alloyIXspark plug IX-P:Iridium alloyIXspark plug J...bipolar protruding type(exclusively for Daihatsu) K...outer poles LPG:Special for LPG N...Outer electrode thick type P:platinum spark plug Q...outer quadrupole (EQUP-BKR6:RMW) (EQUPA-BKR5:NISSAN) (EQP-BURQ:Mazda) QP:outer quadrupole, platinum central axis S...Standard type T...Outer three poles U...Half edge spark plug VX...VXspark plug Y...V-shaped incision center electrode YA...Defacement response(BR9EYA)	<SPARK PLUG GAP>
A-18mm		2 Easy to heat type	Z...Wire wound resistor	E-19.0mm		no standard
B-14mm	M...small spark plug	3		H-12.7mm		-9:0.9mm
-10mm	(H-CMR6:the seat height	4		L-11.2mm		-10:1.0mm
D-12mm	is lower thanHS-CR6)	5		EH-19.0mmhalf screw		11:1.1mm
E-8mm		6		M...Lightweight		-13:1.3mm
BC-14mm	U...Edge, half edge and	7		BM-9.5mm		-14:1.4mm
Bk-14mm	auxiliary spark	8		BMP-A--9.5mm		15:1.5mm
Dc-12mm	plugs(BUHW/BUP6ET)	9		F.Conical		-L:intermediate
BK...is a product manufactured in accordance with International Standards (ISO) dimensions. The length from the spark plug gasket to the terminal nut is 2.5mm shorter than the Japanese Standard (JIS) BCP type.		10 Cooling type		A-F--10.9mm B-F-11.2mm B-EF-17.5mm BM-F--7.8mm		calorific value

P	F	5	R	A	-11
I Iridium alloy spark plug	Mounting screw size Hexagonal dimensions across sides F—ϕ14x19mm 16.0mm G—ϕ 14x19mm 20.8mm J—ϕ12x19mm 18 .0mm K—ϕ 12x19mm 16.0mm M—ϕ10x19mm 16.0mm T—Tapered base ϕ14x17.5mm 16.0mm (Except PTR-A ϕ 14x25mm) U—Tapered base (B-FS)ϕ 14x11.2mm 16.0mm Y—Tapered base (B-FS) ϕ 14x11.2mm 16.0m	<calorific value> 4 Easy to heat type 5 6 7 8 9 Cooling type	R Resistor spark plug	A\B\C ...additional tokens I Single sided iridium alloy spark plug (K7RAI) P Single sided platinum spark plug (F6RBP-11)	<spark plug gap> no standard —9:0.9mm —10:1.0mm —11:1.1mm
L Effective length of screw					
P platinum spark plug					
Z Protruding spark plug					

RYDER Parts Engineered To Perfection

Resistor-equipped spark plugs have improved electromagnetic noise prevention effect.

●STRUCTURE (OVERALL TYPE)



(FEATURES)

Long resistor length : *Using radio waves to prevent corrosion*

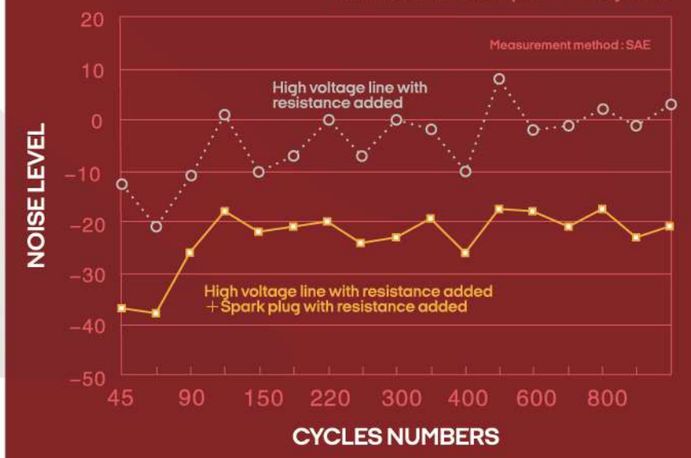
Close distance between resistor and ignition part : ⬆

Resistor material block construction : ⬆

PRODUCT PERFORMANCE

●CHARACTERISTIC

Measurement example of DLI system



● Noise prevention effect of resistor-equipped spark plug

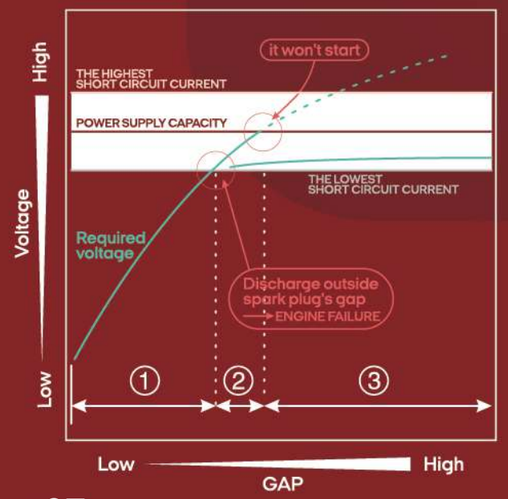
Ryder SPARK PLUG STRUCTURE

SPARK PLUG WITH NO RESISTANCE

SPARK PLUG WITH RESISTANCE

●SPARK PLUG BASIC PROPERTY

3 TYPES OF DISCHARGE VOLTAGE



① normal discharge

Normal discharge between the spark gap

② fire moves sidewards and internal short curcuit discharge

Discharge between the insulated terminal part and the outer electrode

fire moves sidewards

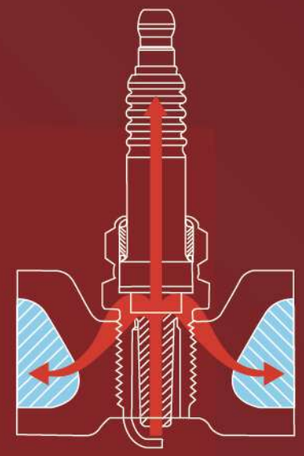
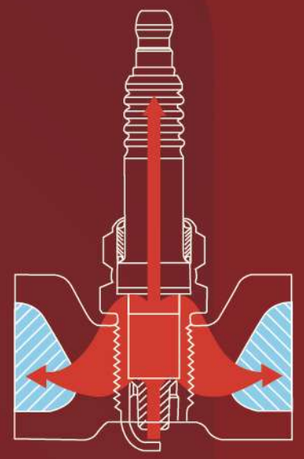
Discharge between insulator surface and inside diameter of metal part

internal short curcuit discharge

③ Ignition failure

No discharge

●DIFFERENCES IN CONSTRUCTION BETWEEN HOT AND COLD SPARK PLUGS

		HOT TYPE	COLD TYPE
DISSIPATION OF HEAT			
Ignition part insulator length		LONG	SHORT
Ignition part heated area		LARGE	SMALL
spark plug temperature		EASY TO RISE	HARD TO RISE
spark plug advantages and disadvantages	advantages	HARD TO BE BLACKENED	HARD TO OVERHEAT
	disadvantages	EASY TO OVERHEAT	EASY TO BE BLACKENED

●SPARK PLUG HEAT RESISTANCE

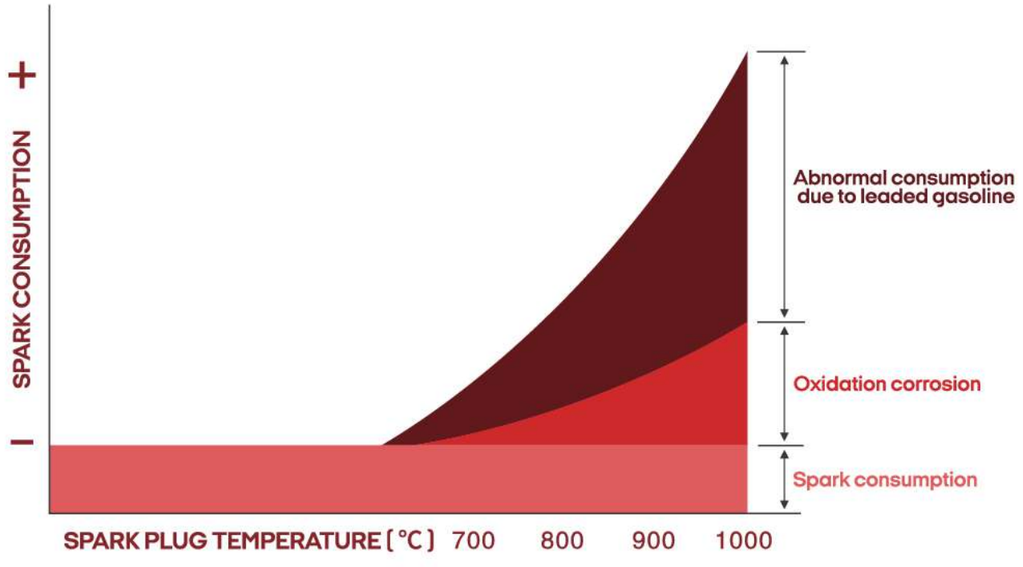
THE IGNITION PART OF THE SPARK PLUG IS A PART OF THE ENGINE COMBUSTION CHAMBER

SPARK PLUGS THAT ARE CONTINUOUSLY EXPOSED TO COMBUSTION GASES WILL INCREASE IN TEMPERATURE AS THEY HEAT UP

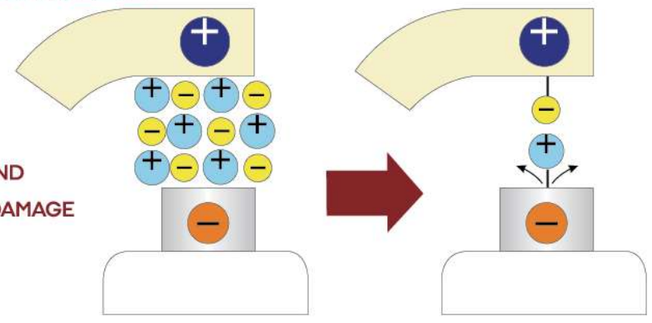
THE TEMPERATURE OF THE SPARK PLUG IS DETERMINED BY THE BALANCE OF THERMAL AND EXOTHERMIC REACTIONS

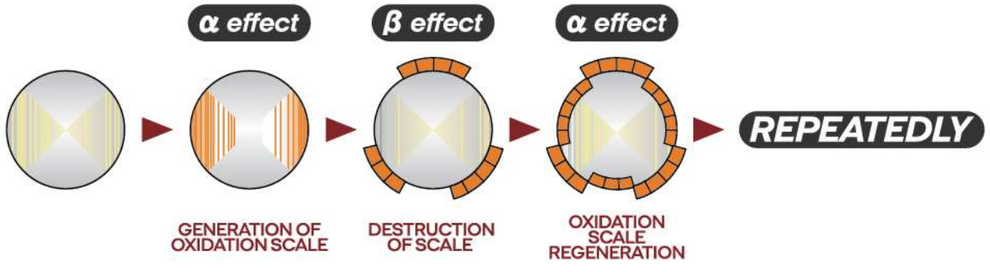
THE LIMIT OF HEAT RESISTANCE THAT A SPARK PLUG THAT CAN MAINTAIN THIS BALANCE CAN BE USED UNDER NORMAL CIRCUMSTANCES.

THE RELATIONSHIP BETWEEN HEATING TEMPERATURE AND CONSUMPTION OF NICKEL COPPER ALLOY

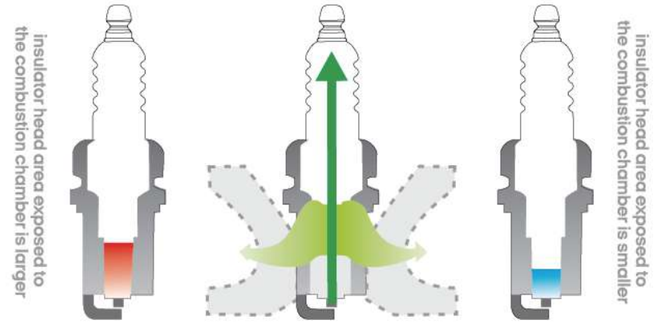


SPARK PLUG ELECTRODE CONSUMPTION





TURBOCHARGED ENGINES MUST USE HIGH CALORIFIC VALUE SPARK PLUGS



HOT SPARK PLUG

This type of spark plug insulator has a larger area exposed to the combustion chamber, dissipates heat slowly, and increases temperature quickly.

COLD SPARK PLUG

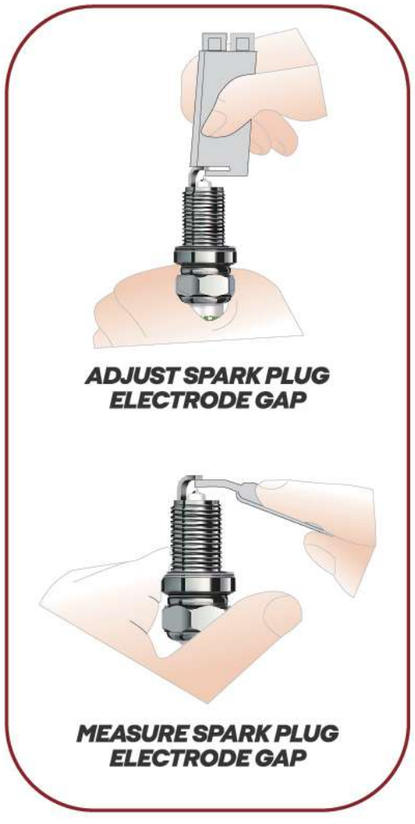
This type of spark plug insulator has a smaller area exposed to the combustion chamber, dissipates heat fast, and increases temperature slowly. It is generally used by engines with larger output power.

SPARK PLUG HEAT RANGE

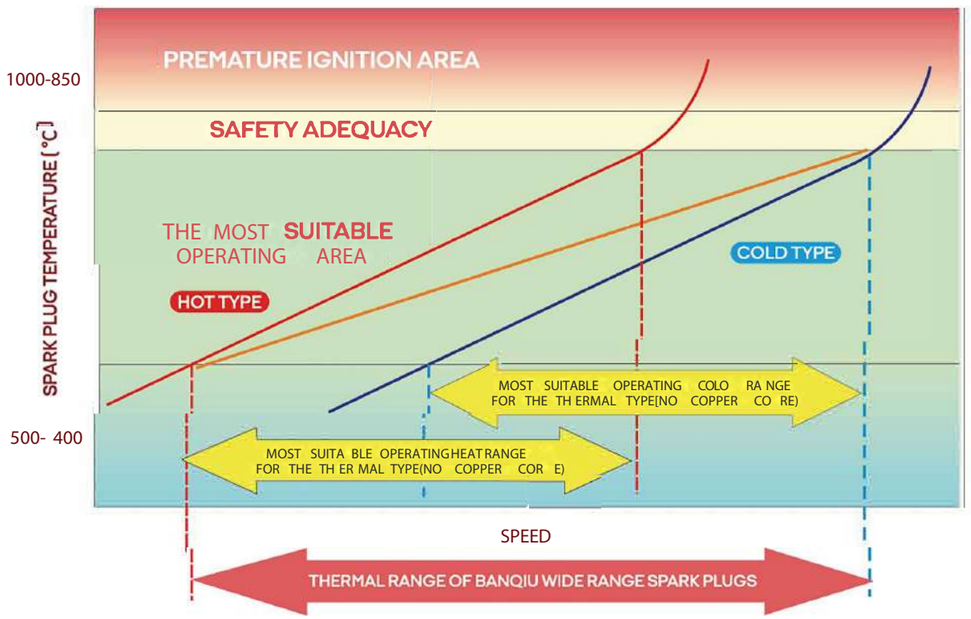
The heat range of a spark plug actually refers to an indicator of its heating and heat dissipation capabilities.
The amount of heat it dissipates is called its heat range.

SPARK PLUG GAP

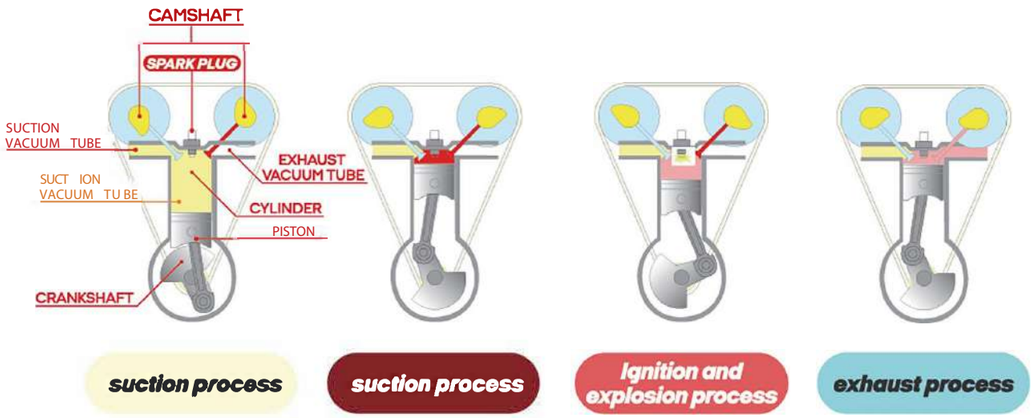
The spark plug gap is the distance between the center electrode and the outer electrodes.



THERMAL RANGE OF RYDER SPARK PLUGS



FOUR STROKE ENGINE STROKE



SAPRK PLUG CAPACITY

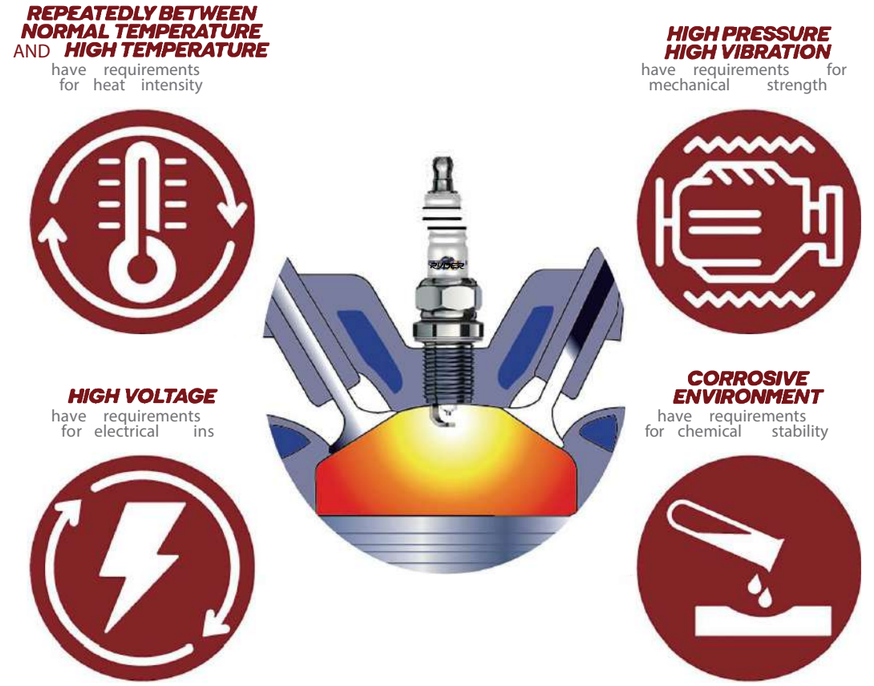
①Able to repeatedly withstand temperature changes of σ2000~2500℃

②Able to withstand 50kg/cm² burst pressure

③Able to withstand high voltage of 2000v~3000v

④Able to withstand chemically corrosive environment casused by gasoline and combustion gases

SPARK PLUG PLACEMENT ENVIRONMENT

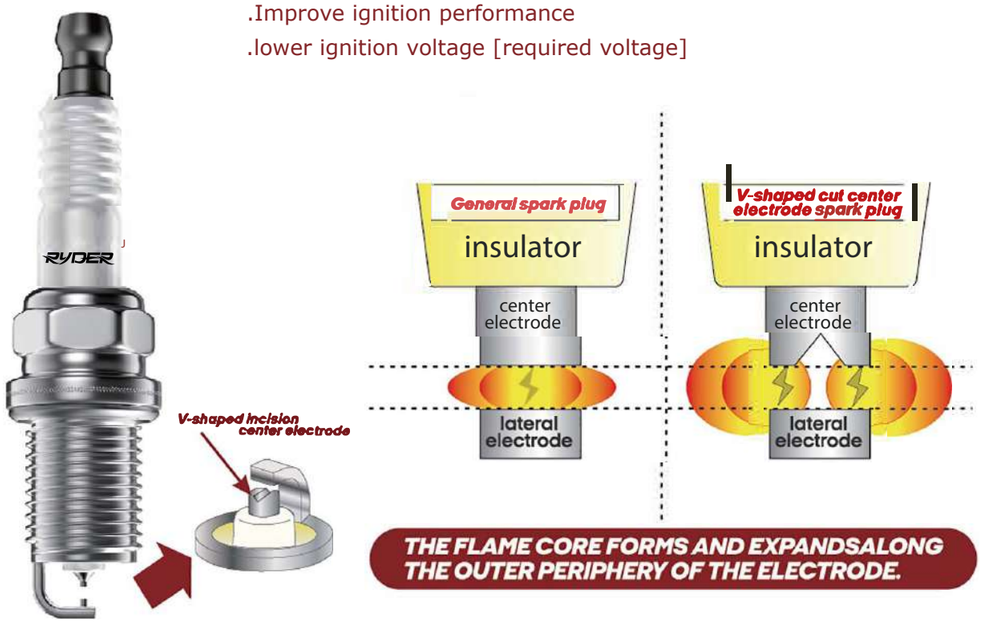


V-SHAPED INCISION CENTER ELECTRODE SPARK PLUG

Features of V-shaped cut center electrode spark plugs:

.Improve ignition performance

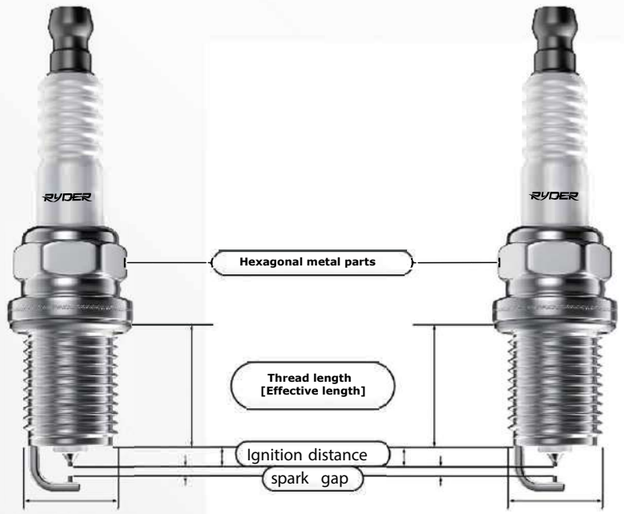
.lower ignition voltage [required voltage]



MATCH REQUIREMENTS

TAPERED SPARK PLUG
[NO GASKET]

NON-TAPERED SPARK PLUG
[WITH WAHSER]



A. HEXAGONAL FACE, THREAD LENGTH, THREAD DIAMETER

B. IGNITION DISTANCE

C. IGNITION GAP

D. RESISTANCE

E. CALORIFIC VALUE

THE ABOVE PARAMETERS MUST MATCH COMPLETELY AND CORRECTLY TO REPLACE THE INSTALLATION.

INSTALLATION

● INSTALLATION TORQUE

SPARK PLUG SCREW DI AMETER	INSTALLATION TORQUE
18mm	35-40N.m (3.5-4.0kgf-m)
14mm	25-30N.m (2.5-3.0kgf-m)
12mm	15-20N.m (1.5-2.0kgf-m)
10mm	10-12N.m (1.5-2.0kgf-m)
8mm	8-10N.m [0.8-1.0kgf-m)

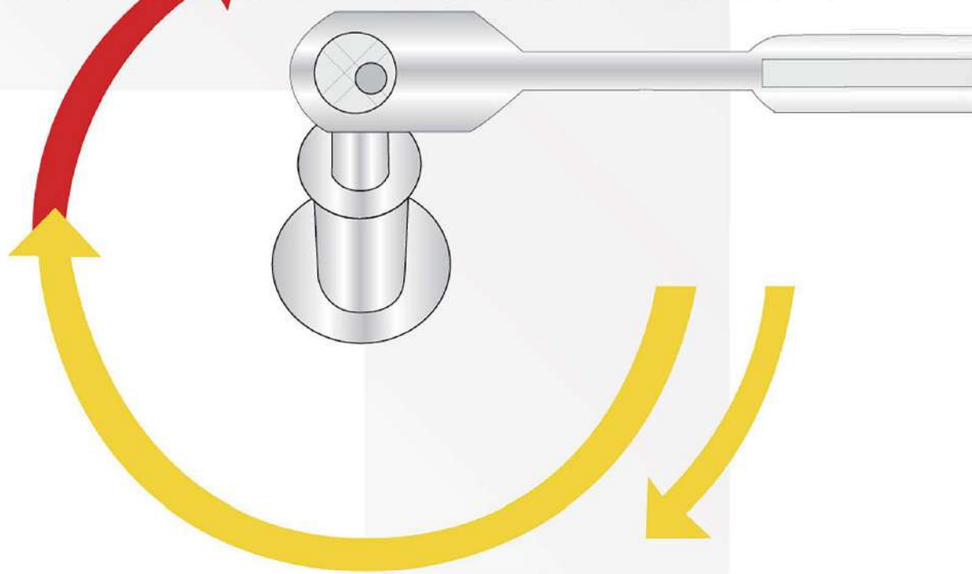
● TAPERED SPARK PLUG

10- 20N.m (1.0-2.0kgf-m)

It is very convenient to install the spark plug by using the rubber rod shown in the picture on the right.

※ The installation angle is 1/16 rotation regardless of whether the product is new or old.

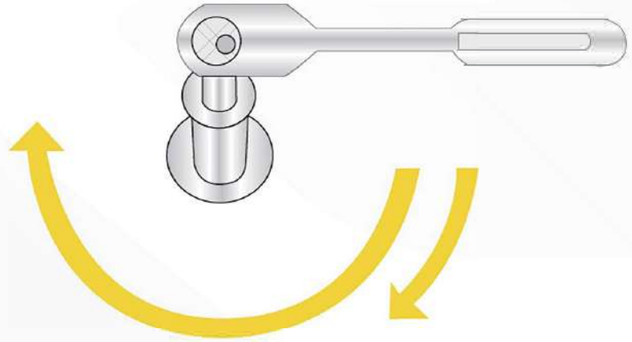
installation



■ Spark plug with screw diameter ⌀18.14mm

● 1/2-2/3 turn when it's a new product [180º ~240º]

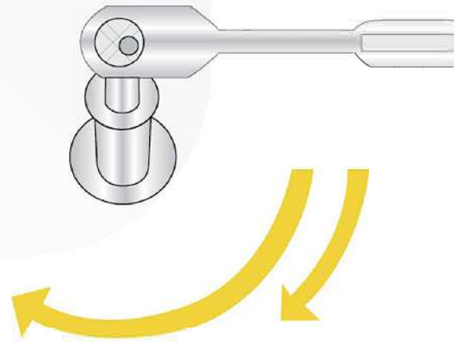
● 1/12 rotation when reused[30º]



■ Spark plug with screw diameter ⌀12.10mm

● 1/2 turn when it's a new product [180º]

● 1/12 rotation when reused [30º]



■ Spark plug with screw diameter ⌀8mm

● 1/3 turn when it's a new product [120º]

● 1/12 rotation when reused [30º]

SPARK PLUG INSTALLATION REQUIREMENTS

● INSTALLATION IS TOO TIGHT

PRODUCT FAILURE MODE

- O The thread is elongated,and in severe cases,cracks or fractures may occur at the thread relief groove;
- O The porcelain part can rotate;
- O The thickness of the outer sealing gasket is relatively thin after installation;
- O There is oil stain on the cylinder of the porceliain part;
- O The iron shell is dissected,and the small head of the porcelain part is dense the surface of the porcelain parts above the cover is not clean and has oil stain;
- O The porcelain parts are flushed out of the iron shell.

WORKING FAILURE MODE

O Air leakage at the rivet edge; ○cylinder block damage due to pocelain cylinder pull; aging of high-voltage lines and engine vibration; ○weak acceleration;

● INSTALLATION IS TOO LOOSE

IF THE INSTALLATION TORQUE IS TOO SMALL AND THE DEFFECTIVE PARTS FAIL, THE APPEARANCE OF THE DEFFECTIVE PARTS WILL BE AS FOLLOWS:

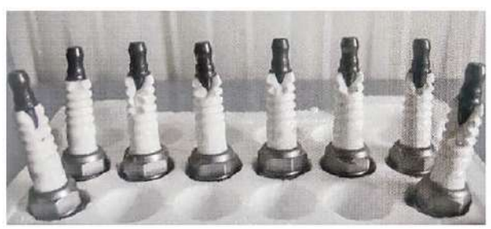
THE OUTER SEALING GASKETIS ARC-SHAPED,DRY BURNING MAY OCCUR, CAUSINGABLATION OF THE SIDE ELECTRODES AND CENTER ELECTRODES; AND THE SMALL HEADS OF THE PORCELAIN PARTSMAYBE BURNED IN A WHITE HONEYCOMB SHAPE.CORROSION OR FRACTURE DUE TO EXPLOSION VIBRATION MAY CAUSE THE CYLINDER TO FALL OFF,THE OUTER CIRCLE OF THE IRON SHELL AND THE 60,000 YUAN MAY YELLOW DUE TO OVERHEATING AND BE ACCOMPANIED BY BLACK OIL STAINS.WHICH MAY CAUSE LEAKAGE DUE TO THE EXTERNAL SEAL

PRODUCT FAILURE MODE:

THE OUTER SEALING GASKET IS IN THE SHAPE OF AN ARC DRUM,THE OUTERSURFACE OF THE IRON SHELL TURNS YELLOW AND HAS OIL STAINS DUE TO OVERHEATING, THE SIDE ELECTRODES,CENTER ELECTRODE,AND PORCELAIN SKIRT ARE ABLATED.

● IMPROPER INSTALLATION

THE MAIN REASONS FOR IMPROPER INSTALLATION INCLUDE MISALIGNMENT AND SLIPPING OF THE WRENCH.
THIS MAYLEAD TO THE FOLLOWING PRODUCT FAILURE MODES:
damage to the insulator head, straight cracks on the insulator head, and transverse fractures at the insulator rivet edge.

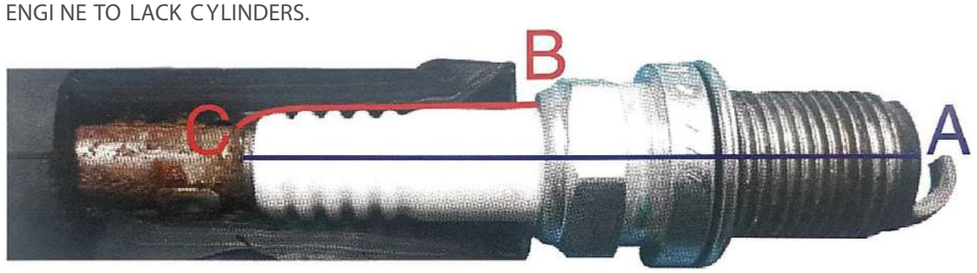


CERAMIC BREAKING

CERAMIC CRACKING

ONE OF THE COMMON PROBLEMS WITH SPARK PLUGS HIGH-VOLTAGE WIRES LEAKAGE

WHEN THE HIGH-VOLTAGE LINE HOSE IS AGING AND CANNOT TIGHTLY WRAP THE SPARK PLUG, OR THE RUBBER INSULATION EFFECT IS REDUCED, THE HIGH VOLTAGE WILL FLASH FROM POINT C ALONG THE RED LINE TO POINT B [HIGH-VOLTAG E ARC], DIRECTLY FORMING A LOOP WITH THE VEHICLE GROUND WIRE, THUS CAUSING LEAKAGE AND CAUSING THE ENGI NE TO LACK CYLINDERS.



UNDER NORMAL IGNITION CO NDITIONS, THE HIGH VOLTAGE GOES FROM POINT C, THROUGH THE INSIDE OF THE SPARK PLUG, ALONG THE BLUE LINE, TO THE CENTER ELEC TRODE AT POINT A, AND THEN BREAKS DOWN THE FUEL-AIR MIXTURE, FORMING A LOOP THROUGHTHE SPARK PL UG SIDE ELECTRO DE AND THEVEHICLEGROU ND WIRE.AT POINT A, THE HIG H-PR ESS UR E SP ARK IS RELEASED, IGNITING THE MIXTURE INTHE CYLINDER, AND THE ENGINE OPERATES NORMALLY

The high-voltage arc jump pene trated the spark plug and formed a black line on the spark plug ceramic body.

FRIENDLY REMINDER: If one of the above two situations occurs, please replace the high-voltage wire and spark plug at the same time. Do not replace the spark plug alone, because when the high-voltage wire leaks, replacing a new spark plug will be broken down in a short time, as fast as three times. Days, it can take as little as a month. This is why many people think that spark plugs are not durable. In fact, it is not the quality of the spark plugs, but they have not found the root cause of the problem.

SPARK PLUG CORONA - Since the center electrode inside the spark plug conducts high-voltage electricity, the high-voltage electricity has an adsorption effect on the oil particles floa ting in the air and is adsorbed on the surface of the white insulator. Corona does not affect spark plug performance and is not directly related to the service life of the spark plug. Corona is not used as a basis for judging whether the spark plug needs to be replaced.

COMMON PROBLEM

ARC FLASHOVER

Black burningmarks appear on the insulator perpendicularto thedirectionof theironshell. Dueto poorinstallationand toothickdiameter of thespark plugconnectingwire,theignition high voltage is too strong and the engine misfires.

SUGGESTION: Replace the affected spark plug, pay attention to the cleanliness of the spark plug porcelain body during installation, and promptly repalce the spark plug connecting wire with a smaller diameter.

- **IN ADDITION TO THE QUALITY OF THE SPARK PLUG ITSELF.ARCING WILL ALSO OCCUR UNDER THE FOLLOWING CONDITIONS.PLEASE PAY ATTENTION TO THE CORRESPONDING**

DURING THE CONSUMPTION OF SPARK PLUG ELECTRODE
If the spark plug gap becomes larger due to electrode consumption,the required voltage will also become higher.if the required voltage between the spark plug electrodes is higher than the voltage betwwen the terminal and the body metal,arcing may occur.In addition, generally speaking,engines such as tubine engine that require high voltages are more prone to arcing.

※PLEASE REPLACE SPARK PLUGS REGULARY

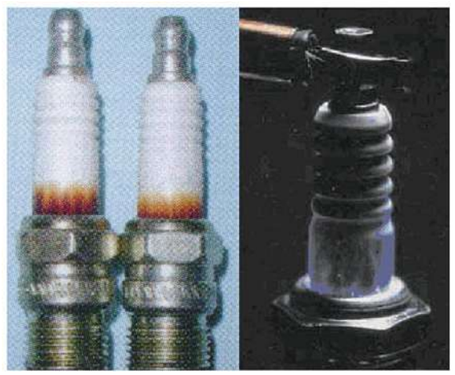
WHEN THE SPARK PLUG CAP IS AGED
As the use time increases,the metarial of the spark plug cap will harden,reducing the sealing performance between the spark plug cap and the insulator,and arcing may occur.

※PLEASE REPLACE HIGH-VOLTAGE WIRES REGULARY
Also,if the engine stalls after cleaning the engine room at a car wash,the cause may be water seeping into the spark plug cap,so please check it in time.

CORONA DISCHARGE

The insulatingporcelainbody close to the iron shell changes color. Particles in the engineoilorair [inthespark plugmounting hole] are adsorbed on the ceramic body underthe magneticfield generatedwhen high voltage passes through the spark plug. This phenomenonhas no harmful effect ontheoperationof the spark plug.

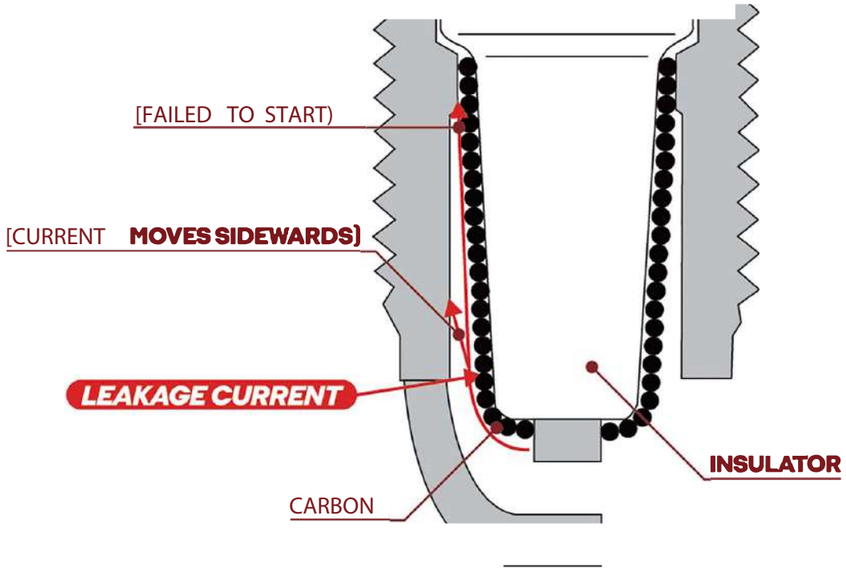
SUGGESTION: Keep the spark plug mounting hole clean when replacing the spark plug



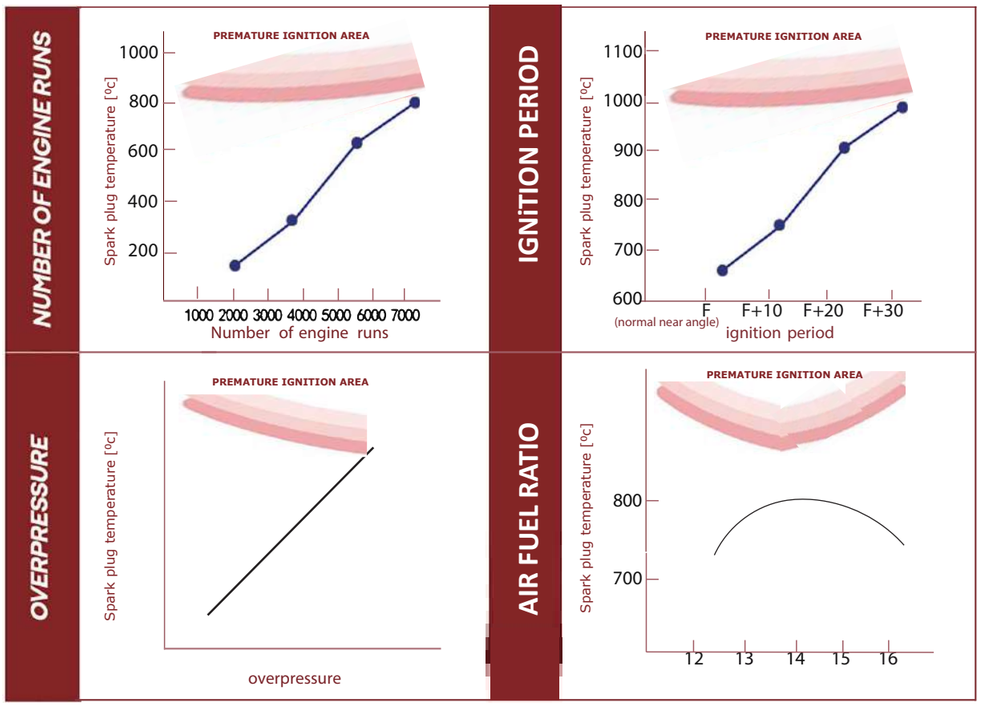
PRODECT FAILURE

STATE	NORMAL	CARBON DEPOSIT	OIL CONTAMINATION
CAUTERY STATE			
	When using unleaded gasoline, the top of the insulator is mostly white or gray. The consumption of electrodes is very sma ll. In addition, when leaded gasoline is used, most of them will ha ve fox col or.	The top of the Insulator and the electrode are covered with dry carbon deposits	When the top of the Insulator and the electrodes are soaked in gasoline or engine oil, they will appear black.
ENGINE STATUS	The engJne is normal when starting, drlvlng at high speed. drivir,g at low speed, etc.	Acceleration was also abnormal due to poor engine starting, instability at low speeds, and eventual sta lling. (N earty 90% of the ca uses of poor engine operation are due to oil contamination and carbon deposits]	Acceleratlon was aJso abnormal due to poor er,gine starting, instability at low speeds, and eventual st al ling. (N ea rly 90% of the ca us es of poo r engine operation ore due to oil contamination and carbon deposits]
REASON	Model match Is correct and engine Is In good condition.	1. Calorific value does not match 2. Idling for a long time and operating at low speed 3. The mixture is too rich 4. Filter clogged 5.Late ignition time	1. Due to the fricŧ on of piston rings and valve guides and the wear of the cyli nder barrel, the engine oil will rise 2. The mixture is too rich
OBJECT	1.Normal maintenance 2 Replacement on time	1-2Use a spark plug wtth a lower calorific va lue or adjust the idle speed 3-5make comprehensive adjustments	1. For new engines. during the running-in process of the overhauled engine, when the engine oil control is completely normal, there will be oil leakage. Just remove the spark plug and clean it. Otherwise a complete ovemaul is req uired 2. Adjust the ca rbureto r
STATE	OVERHEAT	PRE-IGNITION	INSULATOR BREAK
CAUTERY STATE			
	The top of the insulator is burned white, and the electrode is also burned white or appears eggplant purple. This indicates that the electrode is consumed prematurely.	The electrode is dissolved, and in severe cases It has been dissolved to the top of the insul ator.	The top of the insulator is cracked longitudinally, and the appearance is similar to ovemeatir,g and lead contami nation.
ENGINE STATUS	Continuous high-speed opratation,long-term hill climbing, overloading, etc, resulting in insufficient engine power and inability to lift the speed	Due to driving in an ovemeated state, the temperature in the cylinder will rise ↑which will not only damage the spark plug, but also damage the piston.	Continuous high-speed opratation,long-term hill climbing, overloading, etc, resulting in insufficient engine power and inability to lift the speed
REASON	1. The calorific value of the spark plug does not match 2 Use low-octa ne gasoline 3. Ignition time Is too ea rly 4. insufficient cooling 5. The mixture is too thin	1. The calorific value of the spark plug does not match 2. Use low-octane gasoline 3. Ignition time Is too early 4. Insufficient cooling 5. The mixture is too thin	1. The calorific value of the spa rk plug does not match 2 Ignition time is too earty 3. Insufficient cooling 4. The mixture is too thin
OBJECT	1. Use spark plugs with high calorific value 2. Use high-octa ne gasoline 3Adjust ignition time 4. Check the cooling system 5. Adj ust the carburetor	1. Use spark plugs with high calorlnc value 2. Use high-octane gasoline 3Adjust ignition time 4. Check the cool ing system 5. Adj ust the ca rbureto r	1. Use spark plugs with high calorific value 2Adj ust ig nition time 3. Check the cooli ng syste m 4. Adju st the ca rbureto r

• DISCHARGE OF SPARK PLUG AFTER CONTAMINATION

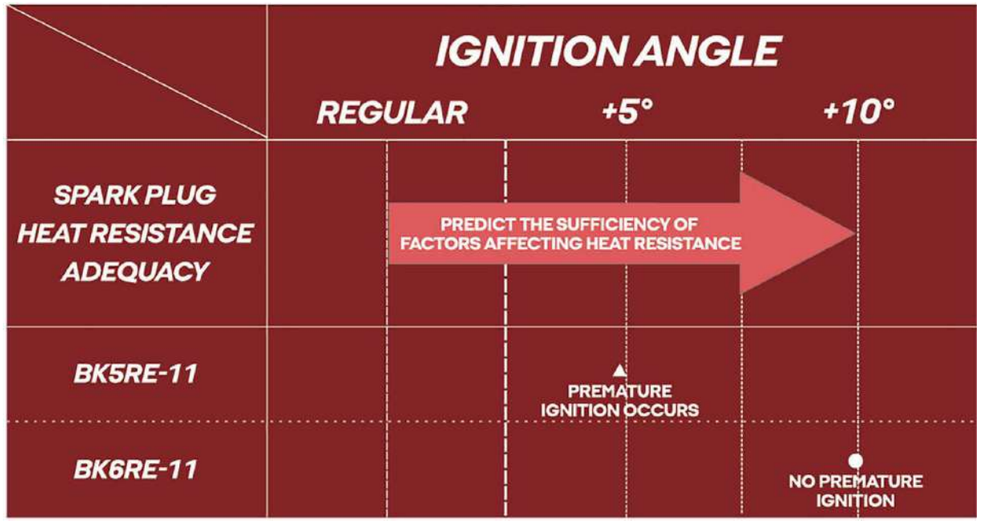


• FACTORS AFFECTING SPARK PLUG TEMPERATURE



• SPARK PLUG SUITABILITY

PRE-IGNITION OCCURRENCE SUFFICINCY

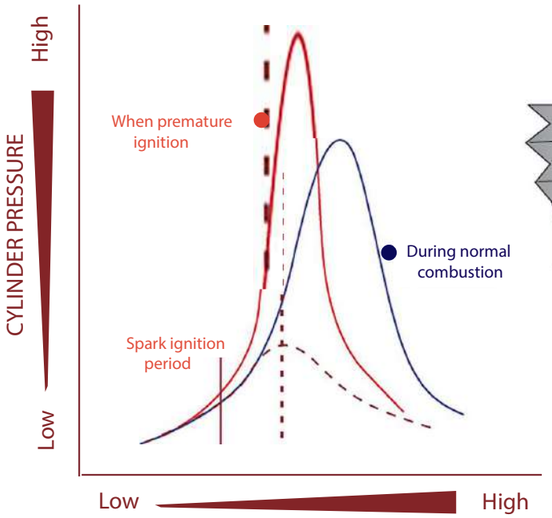


• IMPORTANT FACTORS AFFECTING HEAT RESISTANCE

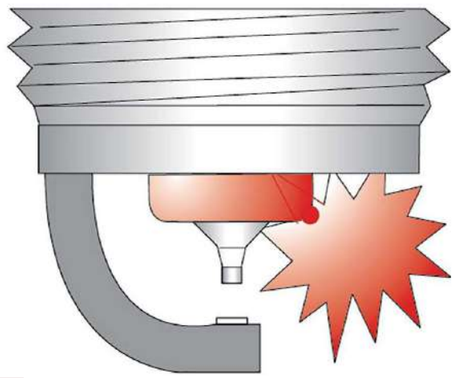
- IGNITION TIMING DEVIATION
- DEVIATION OF AIR-FUEL RATIO
- COMPRESSION RATIO DEVIATION
- IMPACT OF ENVIRONMENTAL CONDITIONS
- SPARK PLUG DEVIATION

• PRE-IGNITION

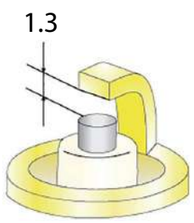
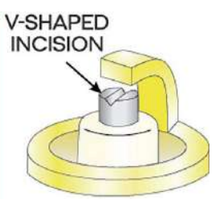
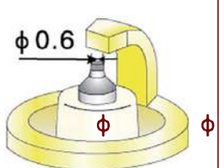
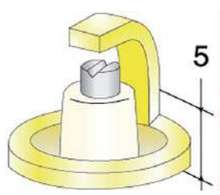
PRESSURE CHANGES OCCURRING DURING PRE-IGNITION



PROGRESS DEMONSTRATION OF PREMATURE IGNITION



● STRATEGIES TO ENHANCE IGNITION PERFORMANCE

① WIDE GAP	② V-SHAPED INCISION CENTER ELECTRODE	③ SAMLL DIAMETER CENTER ELECTRODE	④ PROTRUDING TYPE
			
1.1or1.3		ϕ 0.8 or ϕ 0.6	5or7
THE FIRE EXTINGUISHING EFFECT OF THE ELECTRODE IS REDUCED			CHOOSE THE MOST SUITABLE IGNITION POSITION

● OVER BURNING

■ CASUSES AND TREATMENTS FOR EXCESSIVE BURNING

CAUSES	TREATMENTS
● DRIVING TOO FAST DURING IGNITION	● IT IS NECESSARY TO CHECK AND ADJUST THE IGNITION TIME
● AIR-FUEL RATIO IS TOO LEAN	● IT IS NECESSARY TO CHECK O_2 (ACID SENSOR), ETC.
● INSUFFICIENT COOLING WATER AND LUBRICATING OIL	● ADD COOLING WATER AND LUBRICATING OIL
● TURBINE CAR SITUATION, TURBINE PRESSURE IS TOO HIGH	● IT IS NECESSARY TO CHECK THE TURBINE PRESSURE
● NOISE OCCURS	● IT IS NECESSARY TO REPAIR AIR SENSORS AND OTHER SENSORS
● INSUFFICIENT SPARK PLUG INSTALLATION	● INSTALL ACCORDING TO RECOMMENDED TORQUE

IT IS NECESSARY TO STRENGTHEN THE ADJUSTMENT OF THE ENGINE

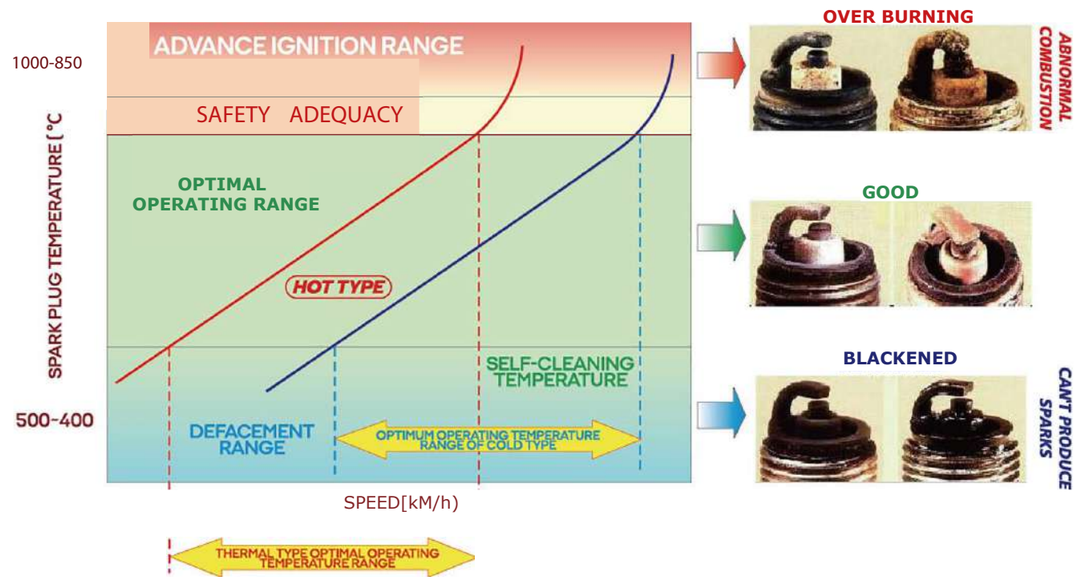
● BLACKENED

■ CASUSES AND TREATMENTS OF BLACKENING

CAUSES	TREATMENTS
● AIR-FUEL RATIO IS TOO DEEP ○ POORLY ADJUSTED CARBURETOR ○ DEFECTIVE FUEL INJECTION AND OTHER DEVICES ○ IT'S HARD TO WAIT FOR SENSORS	● IT IS NECESSARY TO CHECK THE CARBURETOR AND FUEL INJECTION DEVICE
● POOR ELECTRICAL SYSTEM ○ HIGH-VOLTAGE LINE BREAKAGE, ETC.	● IT IS NECESSARY TO OVERHAUL THE POWER SYSTEM
● OPERATING CONDITIONS ARE NOT SUITABLE ○ IDLING FOR A LONG TIME ○ CONTINUOUS LOW SPEED OPERATION	● FREQUENTLY DRIVE UNDER HIGH-SPEED CONDITIONS (ABOVE 80KM/H)

IT'S NOT A PROBLEM WITH THE SPARK PLUG ITSELF!

● SPARK PLUG TEMPERATURE AND BURN STATUS



MAIN AUTOMOTIVE SUPPORTING MANUFACTURERS AND REPRESENTATIVE MODELS[OEM] OF RYDER SPARK PLUGS

SELECTED MODEL:BK8REQUA
THREAD DIAMETER:M14*1.25
THREAD LENGTH: 19MM
HEX: 16MM
FEATURES: SURFACE FLASHOVER,
4 POLES SPARK PLUG TUBINE,
4 POLES SPARK PLUG TURBO
SPECIAL

SELECTED MODEL: ILZK7RA
THREAD DIAMETER:M14*1.25
THREAD LENGTH: 29.5MM
HEX: 16MM
SMOOTH SURFACE 4.0
FEATURES: IRIDIUM SPARK PLUG,
CAYENNE,AUDI Q7 SPECIAL,
LONGER SHELL

SELECTED MODEL: ILZK7RBP-10E
THREAD DIAMETER: M14*1.25
THREAD LENGTH: 26MM
HEX: 16MM
GAP: 1.0MM
FEATURE: LONGER SHELL

SELECTED MODEL:AP6RFS
THREAD DIAMETER:M18*1.25
THREAD LENGTH: 10.9MM
HEX: 20.8MM
FEATURES: TAPERED BASE

SELECTED MODEL: IT4RA-15
THREAD DIAMETER: M14*1.25
THREAD LENGTH: 17.5MM
HEX: 16MM
GAP: 1.5MM
FEATURE: CONOCAL SEAT,IRIDIUM,
CERAMIC GLOSSY SURFACE

SELECTED MODEL: ZF6RFIX-11
THREAD DIAMETER:M14*1.25
THREAD LENGTH: 19MM
HEX: 16MM
GAP: 1.1MM
FEATURES: PROTRUSION OF THE
CERAMIC PART OF THE CENTER
ELECTRODE,IRIDIUM GOLD

SELECTED MODEL: LZKA6RAP-11
THREAD DIAMETER: M12*1,25
THREAD LENGTH: 26.5MM
HEX: 14MM
GAP: 1.1MM
FEATURE: PROTRUSION OF THE
CERAMIC PART OF THE CENTER
ELECTRODE,PLATINUM,
LONGER SHELL

SELECTED MODEL: LZK7RBP-11S
THREAD DIAMETER:M12*1.25
THREAD LENGTH: 28MM
HEX: 16MM
GAP: 1.1MM
FEATURES: PLATINUM LONGER SHELL

SELECTED MODEL: ZK7RG-10
THREAD DIAMETER: M12*1,25
THREAD LENGTH: 22MM
HEX: 16MM
GAP: 1.0MM
FEATURE: SMALLER DIAMETER

SELECTED MODEL: ZF7RPIX
THREAD DIAMETER:M14*1.25
THREAD LENGTH: 22.5MM
HEX: 16MM
FEATURES: IRIDIUM

SELECTED MODEL: IT6RF-13
THREAD DIAMETER:M14*1.25
THREAD LENGTH: 17.5MM
HEX: 16MM
GAP: 1.3MM
FEATURES: TAPERED BASE,IRIDIUM

SELECTED MODEL: BK6RET
THREAD DIAMETER:M14*1.25
THREAD LENGTH: 19MM
HEX: 16MM
FEATURES: THREE POLES

SELECTED MODEL: ILT6RA-13
THREAD DIAMETER:M14*1.25
THREAD LENGTH: 25.5MM
HEX: 16MM
GAP: 1.3MM
FEATURES: CONE BASE,IRIDIUM,
LONGER SHELL

SELECTED MODEL: LF6RA
THREAD DIAMETER:M14*1.25
THREAD LENGTH: 26.5MM
HEX: 16MM

SELECTED MODEL: ZF6RKIX-11
THREAD DIAMETER:M14*1.25
THREAD LENGTH: 20.5MM
HEX: 16MM
GAP: 1.1MM
FEATURES: IRIDIUM

SELECTED MODEL: LF7RAY
THREAD DIAMETER:M14*1.25
THREAD LENGTH: 26.5MM
HEX: 16MM
FEATURES: THE CENTER ELECTRODE
HAS A V-GROOVE AND
LONGER SHELL

SELECTED MODEL: DCP7REG
THREAD DIAMETER:M12*1.25
THREAD LENGTH: 19MM
HEX: 16MM
FEATURES: SMALLER DIAMETR

SELECTED MODEL: PLZF7RD-11
THREAD DIAMETER:M14*1.25
THREAD LENGTH: 26.5MM
HEX: 16MM
FEATURES: BMW EXCLUSIVE,
PLATINUM

SELECTED MODEL: PLK7RA
THREAD DIAMETER:M14*1.25
THREAD LENGTH: 26.5MM
HEX: 16MM
FEATURES: MERCEDES-BENZ
EXCLUSIVE, PLATINUM

SELECTED MODEL: ILZKB7RA-8G
THREAD DIAMETER:M12*1.25
THREAD LENGTH: 26.5MM
HEX: 16MM PLUM BLOSSOM
FEATURES: IRIDIUM,LONGER SHELL

TURBOCHARGED [WITH T]ENGINES MUST USE TURBOCHARGED SPECIAL MODELS

SELECTED MODEL: DIZFR7R
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 21.5MM
HEX: 16MM
GAP: 0.8MM
FEATURES: DOUBLE IRIDIUM

SELECTED MODEL: DIF7RQ
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 19MM
HEX: 16MM
GAP: 0.8MM
FEATURES: DOUBLE IRIDIUM

SELECTED MODEL: DILK7RA
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 26.5MM
HEX: 16MM
GAP: 0.8MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DIF8RS8E
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 19MM
HEX: 16MM
GAP: 0.8MM
FEATURES: DOUBLE IRIDIUM

SELECTED MODEL: DILZKB8RB
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 26.5MM
HEX: PLUM BLOSSOM
GAP: 0.75MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILZKF8RD7S
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 27MM
HEX: 14MM
GAP: 0.65MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILZNA8RC7H
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 26.5MM
HEX: 14MM
GAP: 0.75MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL,TAPERED BASE

SELECTED MODEL: DILT7RE-11
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 25MM
HEX: 16MM
GAP: 1.1MM
FEATURES: DOUBLE IRIDIUM
TAPERED BASE

SELECTED MODEL: DILT7RG-8
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 25MM
HEX: 16MM
GAP: 0.8MM
FEATURES: DOUBLE IRIDIUM
TAPERED BASE

SELECTED MODEL: DIZF7RB-G
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 19MM
HEX: 16MM
GAP: 0.8MM
FEATURES: DOUBLE IRIDIUM

SELECTED MODEL: DILF7RB
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 26.5MM
HEX: 16MM
GAP: 0.8MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILFE7RA8E
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 26.5MM
HEX: 16MM
GAP: 0.7MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DIK9RH8
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 19MM
HEX: 16MM
GAP: 0.8MM
FEATURES: DOUBLE IRIDIUM

SELECTED MODEL: DILKA7RC-8
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 26.5MM
HEX: 14MM
GAP: 0.8MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILZT7RA-8
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 26.5MM
HEX: 16MM
GAP: 0.8MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL,TAPERED BASE

SELECTED MODEL: DIF7RZ-7
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 19MM
HEX: 16MM
GAP: 0.7MM
FEATURES: DOUBLE IRIDIUM

SELECTED MODEL: DIF7RAC-8
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 19MM
HEX: 16MM
GAP: 0.8MM
FEATURES: DOUBLE IRIDIUM

SELECTED MODEL: DILZKB8RE-8
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 26.5MM
HEX: 16MM
GAP: 0.8MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILZKA8RG-8
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 28MM
HEX: 14MM
GAP: 0.8MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DIKE7RA8E-8
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 20.5MM
HEX: 16MM
GAP: 0.8MM
FEATURES: DOUBLE IRIDIUM

SELECTED MODEL: DILZKA8RH-8
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 28MM
HEX: 14MM
GAP: 0.7MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILNA8RB-7
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 25MM
HEX: 14MM
GAP: 0.7MM
FEATURES: DOUBLE IRIDIUM
TAPERED BASE

SELECTED MODEL: DILZKG8RB-8
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 28MM
HEX: PLUM BLOSSOM
GAP: 0.75MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILZKB8RB-8
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 28MM
HEX: PLUM BLOSSOM
GAP: 0.75MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILKA8RJ-9
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 26.5MM
HEX: 14MM
GAP: 0.8MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILK7RE-7
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 26.5MM
HEX: 16MM
GAP: 0.7MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILKE8RC7G
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 26.5MM
HEX: 16MM
GAP: 0.7MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILZKE8RA8E
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 27.5MM
HEX: 16MM
GAP: 0.65MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DIF7RX-11
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 19MM
HEX: 14MM
GAP: 1.1MM
FEATURES: DOUBLE IRIDIUM

SELECTED MODEL: DILF7RK-9
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 26.5MM
HEX: 16MM
GAP: 0.9MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DIF6RE-11
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 19MM
HEX: 16MM
GAP: 1.1MM
FEATURES: DOUBLE IRIDIUM

SELECTED MODEL: DILKA6RA-11
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 26.5MM
HEX: 14MM
GAP: 1MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILKA8RC6DS
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 26.5MM
HEX: 14MM
GAP: 0.65MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILKA7RC-10
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 26.5MM
HEX: 14MM
GAP: 0.9MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILZK7RB-10E
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 26.5MM
HEX: 16MM
GAP: 1MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DIBP6RE
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 19MM
HEX: 21MM
GAP: 0.8MM
FEATURES: DOUBLE IRIDIUM

SELECTED MODEL: DIF7RB-7
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 19MM
HEX: 14MM
GAP: 0.7MM
FEATURES: DOUBLE IRIDIUM

SELECTED MODEL: DILZK7RD-8
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 26.5MM
HEX: 16MM
GAP: 0.8MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DIDCP7RE
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 19MM
HEX: 16MM
GAP: 0.8MM
FEATURES: DOUBLE IRIDIUM

SELECTED MODEL: DILZK7RB-11
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 28MM
HEX: 16MM
GAP: 1.1MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILK8RP8
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 27.5MM
HEX: 16MM
GAP: 0.75MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILKA8RG8
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 26.5MM
HEX: 16MM
GAP: 0.75MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILF9RA
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 26.5MM
HEX: 16MM
GAP: 0.8MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILF6RA-11
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 26.5MM
HEX: 16MM
GAP: 1.1MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILKF8RB7G
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 27.5MM
HEX: 14MM
GAP: 0.65MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILNF7RA7G
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 25MM
HEX: 14MM
GAP: 0.7MM
FEATURES: DOUBLE IRIDIUM
TAPERED BASE

SELECTED MODEL: DILT6RA-13
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 25MM
HEX: 16MM
GAP: 1.3MM
FEATURES: DOUBLE IRIDIUM
TAPERED BASE

SELECTED MODEL: DIT6RF-13
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 17.5MM
HEX: 16MM
GAP: 1.3MM
FEATURES: DOUBLE IRIDIUM
TAPERED BASE

SELECTED MODEL: DIT4RA-15
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 17.5MM
HEX: 16MM
GAP: 1.5MM
FEATURES: DOUBLE IRIDIUM
TAPERED BASE

SELECTED MODEL: DIZK7RE-10
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 21.5MM
HEX: 16MM
GAP: 1MM
FEATURES: DOUBLE IRIDIUM

SELECTED MODEL: DIZF6RF-11
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 19MM
HEX: 16MM
GAP: 1.1MM
FEATURES: DOUBLE IRIDIUM

SELECTED MODEL: DIZF6RK-11
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 20.5MM
HEX: 16MM
GAP: 1.1MM
FEATURES: DOUBLE IRIDIUM

SELECTED MODEL: DILZNA7RD-9
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 25MM
HEX: 14MM
GAP: 0.9MM
FEATURES: DOUBLE IRIDIUM
TAPERED BASE

SELECTED MODEL: DIZF6RK-13
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 20.5MM
HEX: 16MM
GAP: 1.3MM
FEATURES: DOUBLE IRIDIUM

SELECTED MODEL: DILZF7RJ-11
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 22MM
HEX: 16MM
GAP: 1.1MM
FEATURES: DOUBLE IRIDIUM

SELECTED MODEL: DILF6RD-11
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 26.5MM
HEX: 16MM
GAP: 1.1MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILKA7RB-11
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 26.5MM
HEX: 14MM
GAP: 1.1MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILT6RA-10
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 25MM
HEX: 16MM
GAP: 1MM
FEATURES: DOUBLE IRIDIUM
TAPERED BASE

SELECTED MODEL: DILZF7RD-11
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 26.5MM
HEX: 16MM
GAP: 1.1MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILZK7RA
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 29.5MM
HEX: 16MM
GAP: 0.8MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DIZF7RE-G
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 22MM
HEX: 16MM
GAP: 0.8MM
FEATURES: DOUBLE IRIDIUM

SELECTED MODEL: DILZF7RA
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 28MM
HEX: 16MM
GAP: 0.8MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILZF7RB
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 26.5MM
HEX: 16MM
GAP: 0.8MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILKA7RL-11
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 26.5MM
HEX: 14MM
GAP: 1.1MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DIF7RD-11
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 19MM
HEX: 16MM
GAP: 1.1MM
FEATURES: DOUBLE IRIDIUM

SELECTED MODEL: DIZF7RH-11
THREAD DIAMETER:M14*1.25MM
THREAD LENGTH: 19MM
HEX: 16MM
GAP: 1.1MM
FEATURES: DOUBLE IRIDIUM

SELECTED MODEL: DILZKA7RA
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 26.5MM
HEX: 14MM
GAP: 0.8MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DILKA7RD-11
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 28.5MM
HEX: 14MM
GAP: 1.1MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

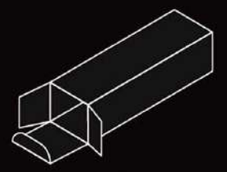
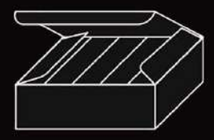
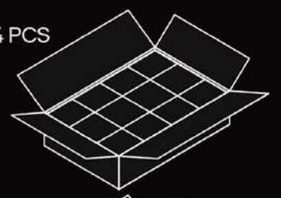
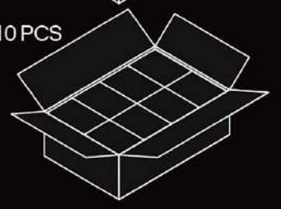
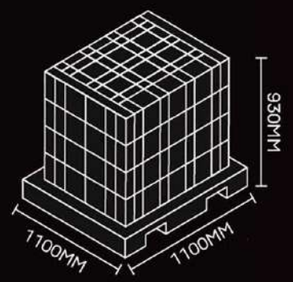
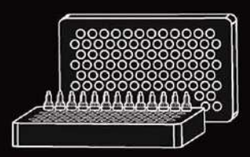
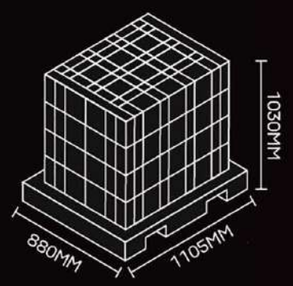
SELECTED MODEL: DILZK7RD-11
THREAD DIAMETER:M12*1.25MM
THREAD LENGTH: 26MM
HEX: 16MM
GAP: 1.1MM
FEATURES: DOUBLE IRIDIUM
LONGER SHELL

SELECTED MODEL: DIC7RE
THREAD DIAMETER:M10*1.25MM
THREAD LENGTH: 19MM
HEX: 16MM
GAP: 0.8MM
FEATURES: DOUBLE IRIDIUM

NATURALLY ASPIRATED [WITHOUT T] ENGINES MUST USE NATURALLY ASPIRATED SPECIAL MODELS

RYDER

PACKAGING SPECIFICATIONS

	SIZE (MM)	PACKAGING	
SING BOX	90.5×24.5×21	 QTY: 1 PC	
MID BOX	103.5×93×22.5 125×93×45	 QTY: 4 PCS	 QTY: 10 PCS
CARTON A	440×290×155	4 PCS  10 PCS  QTY: 240 PCS GW: 12 KG	 930MM 1100MM 1100MM 7 CTNS / LAYER 6 LAYER / PALLET 42 CTNS / PALLET 10080 PCS / PALLET
POLYFOAM	349×204×101	 QTY: 100 PCS GW: 5 KG	
CARTON B	357×210×220	 QTY: 200 PCS GW: 10 KG	 1030MM 880MM 1105MM 12 CTNS / LAYER 4 LAYER / PALLET 48 CTNS / PALLET 9600 PCS / PALLET