

► Motorcycle Product News

● July 18, 1969 **Honda Dream CB 750 FOUR** **Honda Benlei SL 90** **Information on domestic sales**

We will start domestic sales of two models of "**Honda Dream CB 750 FOUR**" and "Wild Scramblers" and "**Honda Ben Ray SL 90**" at this time.

Both of these models started exporting mainly to the United States and Canada this spring. (CB 750 FOUR is April, SL 90 is February) Recently, the tendency to enjoy sports in motorcycles is increasing more and more and the trend to enjoy leisure is getting more and it is getting very popular, but recently domestic users In response to the strong demand of domestic sales began to be.

<Honda Dream CB 750 FOUR>

In order to enjoy traveling more relaxed and more safely with a margin of longer distance comfortably, a car with superior mobility and absolute reliability is necessary.

"Honda Dream CB 750 FOUR" is a car that was born as a crystal of Honda's technology in the position of a leader of a motorbike maker and is the world's finest motorcycle that fully responded to the requirements of long distance touring. Besides being a high-performance car, it is easy to handle, excellent in handling stability, and is intended to arouse broad demand.



CB 750 FOUR

<Honda Ben Ray SL 90>

It is a scrambler that runs in a wild world such as a high-rigid double cradled frame and a large-diameter tire, a high ground clearance and a long stroke cushion at a sports scrambler that can run all kinds of rough roads.

<Price / Release date list>

● Honda Dream CB 750 FOUR

Price nationwide standard cash price ¥ 385,000

Release time August 10, 1964 Showa era

Production planning For the time being, 3,000 units per month

● Honda Benlei SL90

Price nationwide standard cash price ¥ 89,000

Release date August 1, 1964

Production planning For the time being, monthly production is 6,000 units

<Two wheel new product and guidance>

The majestic style of marvels super-class motorcycle finally appeared!

Honda Dream CB 750 FOUR

In order to run long distances more comfortably and more safely, you need a car with excellent mobility and absolute reliability. <CB 750 FOUR> born here as the world's largest motorcycle maker, Honda's unrivaled effort and technology crystal, is a top-class motorcycle that goes on top of the world, fully responding to the requirements of the long distance touring era.

4 cycles · 4 cylinders · 4 carburetors engine with maximum output 67 horsepower, sufficient margin horsepower and outstanding durability, carefully considering precision mechanisms, dub cradle type frame with extremely high rigidity, <CB 750 FOUR etc, including a newly developed tire for high speed and a superb body structure such as an exquisite 4 muffler, abundant active safety measures including a highly reliable disc brake, and excellent handling stability not requiring advanced techniques > Is equipped with the conditions as a super high class motorcycle perfectly.

◎ Highway long distance tooling - more comfortable and safer -

CB 750 FOUR, despite super high performance, no specialized technique is required! It has all the essential conditions for high speed long distance touring.

Engine with a margin - It has enough horsepower enough to demonstrate the sharp (1) acceleration power required for starting and overtaking. Ultra high performance engine with high output and high torque, showing jet-like acceleration that follows the

driver's expectations. In addition, we have a 5-stage mission that brings out the strong power to full.

Excellent driving stability - Having excellent road holding with a sense of security,
(2) under any road conditions such as straight lines, curves, wet roads, etc. This requirement can be applied to frames with high rigidity, proper alignment, It is perfectly filled with cushioning characteristics, fast and safe tires.

Especially important safety - The higher the speed, the braking function is required to
(3) be reliable, reliable and easy to control with a soft feeling, but a revolutionary disc brake will demonstrate this well . In addition to strongly irradiating light, lights that can be sufficiently confirmed from others, and other positive aspects from safety to safety from every angle are thoroughly incorporated.

Comfortable design for comfort> - In order to run comfortably without fatigue at
(4) high speed and long distances, you need to have a precise operating position, a suitable driving position, a handle and seat shape, a body without vibration, easy-to-see instruments, Other details are ergonomically designed.

High durability - It is engineered to pursue the ultimate in every aspect by gathering
(5) the skill of the technology together with the engine and the frame. Even when traveling on a highway for long distances, it is always non trouble, boasts extraordinary durability over all parts.

CB 750 FOUR completely covers these stringent conditions, patents and utility
☆ models indeed exceed 30 and it is a world motorcycle just right to represent the highway era.

© CB 750 FOUR engine

- The mighty power that produces outstanding performance -

* OHC, 4 cycles, 4 cylinders

Honda's OHC engine not only produces high revolution and high power in full but also has a high reputation for its high reliability in terms of easy maintenance and pollution prevention. Moreover, it is quiet and excellent in durability by Honda's original cam bearing system and forced lubrication system. Furthermore, the inertia of the reciprocating part keeps perfect balance, vibration is extremely few, and you can enjoy comfortable tooling.

* 4 Carburetor, 4 muffler

By installing a carburetor, exhaust pipe, muffler for each cylinder, we will improve the intake and exhaust system, combined with a special economical hemispherical combustion chamber with high combustion efficiency, it will demonstrate overwhelming high power.

A large capacity 4-piece muffler symbolizing a dignified style, a powerful style, has a remarkable silencing effect and combines perfect attention to public pollution.

* **Dry Sump Type Lubrication System** A light and compact engine is used to prevent

oil deterioration and a dry sump method with good cooling effect is adopted in order to always lubricate each bearing and moving parts with oil of proper viscosity. The oil pump is constantly lubricated around the crank and cam by clean reliable high-capacity two-stage pump and full flow type oil filter.

The oil return prevention device is installed, it prevents inflow from the oil tank into the engine, and the oil amount can be checked reliably. In addition, a hydraulic pilot lamp is incorporated in the instrument to further enhance safety.

*** Large capacity air cleaner**

Equipped with a large capacity air cleaner with a pre-chamber, it is particularly excellent in durability, inhalation efficiency is even bigger, and performance improvement is being measured.

*** Integral crankshaft** Although crankshaft bearings of high rotation and high power engines are required to have high accuracy, they have been developed in the laboratory F-I which runs with a crankshaft that has a high rigidity and a particularly good integral structure High speed plain bearing (5 point support) was used. It is durable and quiet.

*** Starter system**

It is used in combination with the engine built-in type cell motor system which starts with one touch and the primary kick starter system which can start even with the gear entered. The cell has a dual safety structure, and because the activation force transmission part to the crank is a wet type, the durability is outstanding.

*** New Generator (ACG)**

It is equipped with a contactless excitation type AC generator for the first time in two wheels. It is made with large capacity and compact, and its durability and reliability are very high.

*** Wet type multiple disc clutch**

Wet type multi-plate type with large capacity and no noise. By adopting ball type clutch lifter, resin coated wire, needle bearing, smooth clutch disconnection is obtained, change operation is light and durable.

*** 5 speed transmission**

Equipped with a 5-stage mission with appropriate gear ratio, to draw out full range of engine characteristics from low speed to high speed, and enjoy a brilliant technique. With complete forced lubrication, the reliability is even higher. Furthermore, reliable change operation can be obtained by the new mechanism's skip prevention device.

*** Primary chain drive**

Primary reduction arrangement is Honda's own center drive system. We can accurately transmit power by chain, contributing to lightweight and compact design. The special torque damper makes the rotation fluctuation smoother, improving durability and preventing noise.

© CB 750 FOUR Excellent frame stability and riding comfort

* **Double cradle type frame** It is a double cradle type frame with a unique down tube type head structure that is light and rigid. It is extremely excellent in severe use conditions, especially in high-speed driving.

* Strong full clamp type from **front clamp type front fork** axle to top bridge, improving steering stability in highway driving etc and furthermore with a long stroke, coupled with special damper and rear adjustable car type cushion, The feeling is soft.

* **Rear fork with angular section**

It is a steel fork made of steel plate with reasonable change of cross section, uniform high rigidity is obtained from the pivot to the rear axle, the rear axle is removable rearward and stable alignment is always maintained by full clamp type fastening.

* **Automatic lubrication drive chain** Drive chain is ideal lubricated by its own automatic lubrication system, it helps to improve friction loss and durability of the chain greatly.

* **Exhaust system**

For a dynamic muffler reminiscent of an ultra-high performance racer, a balance tube is attached and the performance is further improved. Exhaust mufflers also have a one-piece structure that helps pollution prevention, and a safe muffler protector.

* **Safe high speed tire**

A large-sized tire with a special pattern developed utilizing the experience of the Grand Prix race prevents high speed shimmy and standing waves, demonstrates wonderful road holding, and the wheel balance is completely corrected, so high speed vibration There is none.

* The gorgeous **seat of the seat** quilt pattern which **does not get tired even for long distance touring** keeps the body securely, riding comfort is soft itself, long tired continuous operation is not tired. With sideways opening one-touch opening and closing ceremony, maintenance check of electrical equipment can be done easily. Moreover it is safe with double safety lock.

* **Elegant tank symbolizing high performance** Easy operation with a one-touch cap is a new design full of flowing beauty, reminiscent of the Grand Prix racer.

* **Easy accessories for maintenance**

Since the distributor is not used for the ignition device, security is easy as before. Unitful floating type electrical equipment, tanks with easy-to-install structure, one-touch left and right side covers, etc. We are devised to make it easy to maintain each part.

© CB 750 FOUR's Outstanding Safety Mechanism Honda's Safety Thought in

All Views

* **Unparalleled front wheel disc brake**

A disc brake that works smoothly, softly and reliably, with excellent braking performance and a unique feeling is indispensable for highway high-speed touring. Brake effect is great, front disc brakes making full use of the highest-class mechanism such as special alloy disc, rust-free special alloy disc, hydraulic actuation method, self-adjusting pad, master cylinder with leakage prevention, freedom of freedom, always demonstrate reliable braking power To do.

Easy handling device

Handle bracket and top bridge with anti-glare treatment to prevent eye fatigue. Handle intensive type switches that do not need to release hands while running. Combined with pleasant riding posture based on piled ergonomic considerations, body structure without vibration, you can safely enjoy long distance touring.

* **Easy-to-see luxury instruments**

Speed tachometer uses a luxurious structure and has the angle and layout that is easy to see from the driver. Meter housings with anti-dazzling treatment, pilot lamps that can be easily checked, trip meters, special night lighting, etc. are equipped with high-quality safety-conscious instruments.

* **Bright big lights**

The headlamp is large, shield beam is bright and durable. Turn lights, tail lights are also large and can be easily confirmed from afar. Brake lamp lights even for individual front and rear wheel brakes.

* **Side reflectors**

When parking at night, we have mounted a reflector on both sides of the front fork and both sides of the tail light so that safety can be improved so that you can check the car from any direction.

* **Ignition • Kill switch** In case of emergency, you can stop the engine without releasing your hand from the handle by the emergency stop button set on the right of the handle.

<Information on new products>

Wild scrambler new release with sports car image changed!

Honda Benlei SL 90

A sports scrambler, which can run all off-the-roads in a row, has finally been born. The engine with low center of gravity and high cooling efficiency has toughness itself, bad road nothing, rigid double cradle frame and large diameter tire, high ground and high

stroke cushion, strong brakes, wild world Car that runs exhilaratingly, it is the new release Honda Benlei SL90.

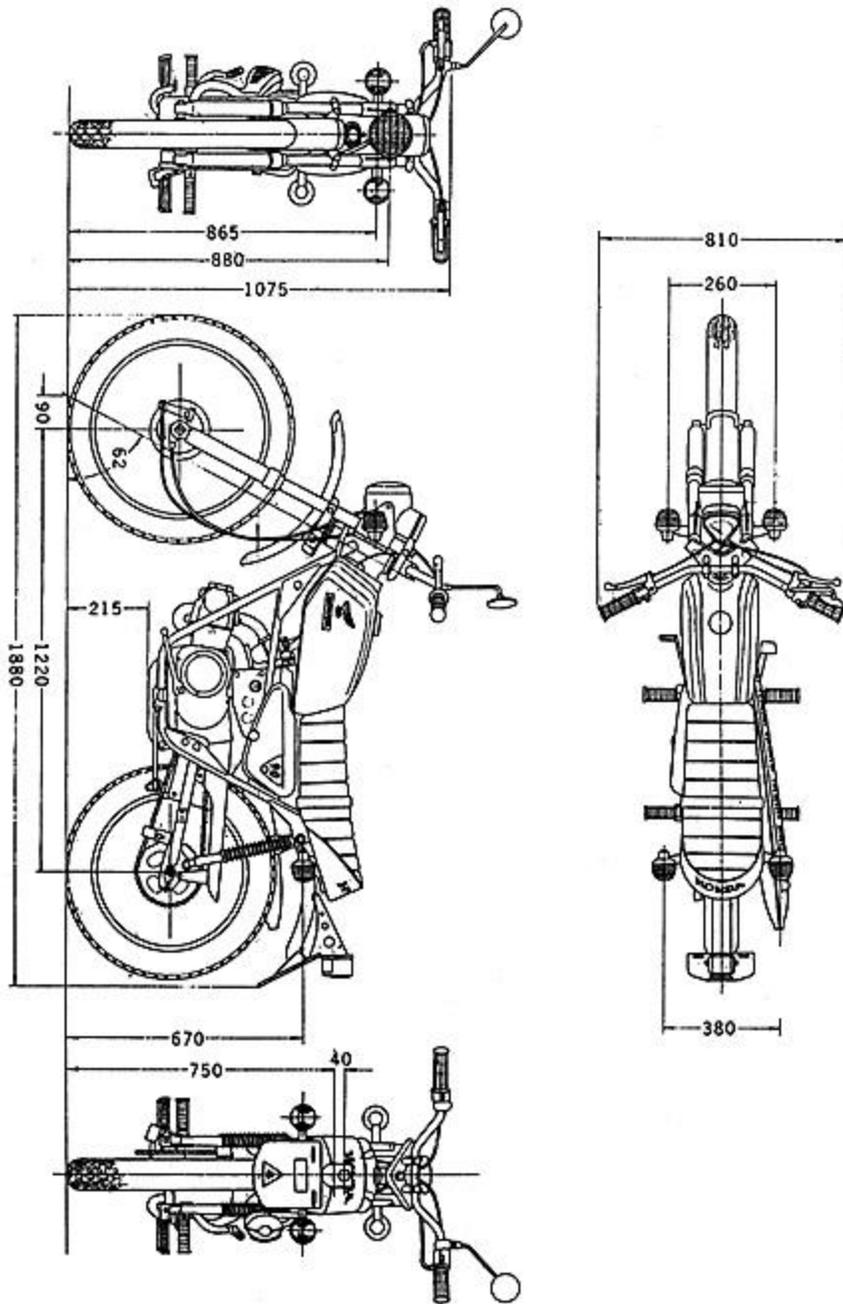
◎ The world's best, Honda's 4 cycle OHC engine

- A maximum output of 8 horsepower, climbing force of 20 °, maximum speed of 95 Km / h, CL 90 -based engine obtains flat torque with a particularly efficient treatment and exhaust system, demonstrating tenacious and stable running performance.
- Camchen tensioner adopts oil damper type, automatic adjustment type with spring.
- * Lubrication forcibly pumps doubly filtered oil, engine rotation always smooth and can withstand abuse over a long period of time.
- A light and agile handle lever and a clutch matched with a hard scramble, the shift
- * adopts a forward 4 step · return type.

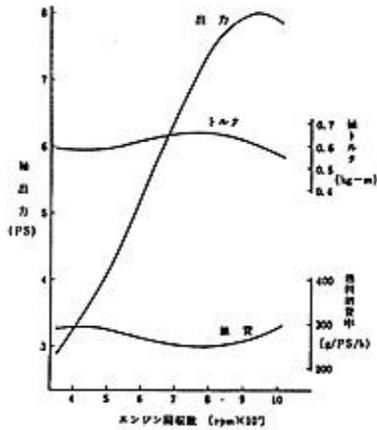
◎ just the body mechanism to run in the wilderness

- The frame main body adopts a double cradle type with a steel pipe, especially the head
- * pipe part adopting a solid triple down tube structure, its outstanding high rigidity frame makes it possible to challenge rough road.
- The front wheel suspension uses a telescopic oil damper type, the bottom case uses an
- * aluminum alloy, it is very light, the style is cool and daunting itself. The rear wheel suspension is a swing arm type, made of a steel pipe rear fork, and a manual adjustable chain guide to prevent dangerous chain displacement is also attached. Both front and rear cushions take long strokes, and the ride comfort in the mountain range is comfortable.
- The tires are front wheels 2.75-19, rear wheels 3.25-17. This class combines super
- * large size, proper alignment of the car body, strong brakes, etc., the handling stability is even better.
- UP type muffler with unique safety style with high style, soft thick seat to fit and fit on
- * the body, high front and rear fenders and above ground clearance, large number placket to prevent splash of muddy water, wild touch tank to capture the heart of Young Rider , It has every mechanism to run in the wilderness with enough margin.

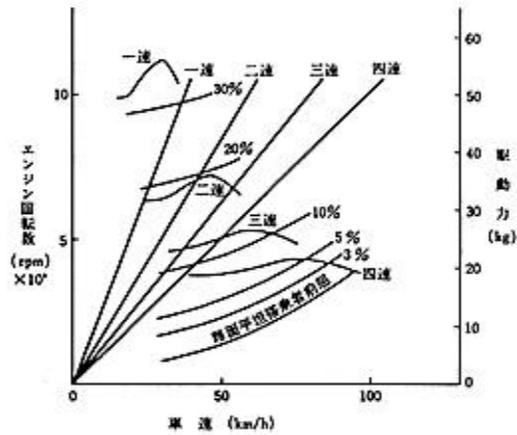
外 観 四 面 図
ホンダベンリイSL90



エンジン性能曲線



走行性能曲線



ホンダベンリイSL90 諸元表

寸法	全長	1,880	点火方式	バッテリー点火		走行距離計	タイヤサイズ	前	2.75-19 (4PR)
	全巾	0,810		原形	ピストンバルブ		後	3.25-17 (4PR)	
m	全高	1,075	動機	型式と数	PW20 1個	制動	ブレーキの種類	前	内部鼓式
	軸距	1,220		空気清浄器型式	乾式(ウレタンフォーム)		後	内部鼓式	
重量	最低地上高	0,215	燃料タンク容量(l)	8.5	装置	操作方式	前	右手動式	
	車両重量	98	潤滑方式	圧送式		後	右足動式		
性能	乗車定員(人)	2	潤滑油容量(l)	0.9	駆動架	駆動架方式	前	テレスコピック式	
	最高速度(km/H)	95	蓄電池	型式と数 6N 5.5-10-1ヶ 電圧容量 6V-5.5AH		後	スイングアーム式		
性能	最低平均燃費率(km/l)	80 (40km/H)	動機	機関から実運転までの機構	歯車	装置	緩衝器型式	前	油圧式
	勾配能力(%)	20		クラッチ型式	湿式多板		後	*	
性能	最小回転半径(m)	1.85	力伝達	潤滑油から実運転までの機構	チェーン	フレーム形式	ダブルクレードル		
	制動停止距離(m)	14 (初速50km/H)		クラッチ操作方式	常時噛合式		灯	前照灯	型式
原動機	冷却方式とサイクル	空冷4サイクル	伝達	操作方式	左足動リターン式	尾灯		V-W (赤)	6-25/25
	シリンダー数と配列	前傾75°1シリンダー		実速比1速	2.538		制動灯	V-W (赤)	6-3 (赤)
動機	弁配置	頂上カム軸式	2速	1.611	火	方向指示器		複層式	電磁触接式
	排気量(l)	0.049	3速	1.190		計器等	速度計型式	透過式(概算計内蔵)	
機	内径×行程(mm)	50×45.6	4速	0.958	後部反射鏡		型式	FR 30 (尾灯組込)	
	圧縮比	8.2	実運転から実運転までの機構	チェーン	走行距離計	警音器型式	電気式平型		
圧縮圧力(kg/cm²)	12	潤滑油から実運転までの機構	チェーン	間上減速比		3.265	速度計型式	透過式(概算計内蔵)	
機	最高出力(PS/rpm)	8.0/9,500	かじ取装置	かじ取角度	左右共 45	機	警音器型式	電気式平型	
	最大トルク(kg-m/rpm)	0.66/8,000	かじ取装置	かじ取角度	左右共 45		速度計型式	透過式(概算計内蔵)	
機	始動方式	キック式	キャスター(°)	62	機	後部反射鏡	型式	FR 30 (尾灯組込)	
			トレール(m)	0.090					

Major feature specification comparison table (Major large displacement vehicles in the world)

Country name	Model	Engine model	Displacement CC	Maximum power PS / rpm	Number of gears
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Japan	Honda Dream CB 750 FOUR	4 cylinder OHC	736	67 / 8,000	Five
English	TRIUMPH TRIDENT	3 cylinder OHV	740	60 / 7,750	Four
	NORTON COMMANDO	2 cylinder OHV	745	60 / 6,600	
	ROYAL ENFIELD		736		
Rice	AMERICAN EAGLE (LAVERDA)	2 cylinder OHC	748		
	HARLEY-DAVIDSON XLH	2 cylinder OHV	883	58 / 6,600	Four
English	BSA ROCKET 3	3 cylinder OHV	740	60 / 7,750	
Rice	HARLEY DAVIDSON ELECTRA GLIDE	2 cylinder OHV	1207	65 / 5,500	
Japan	Kawasaki WI Special			624	53 / 7,000
	Kawasaki Matsuha III	3 cylinder 2 STROKE	498	60 / 7,500	Five

(MAKER ADVERTISEMENTS, AND ROAD TESTS BY "CYCLE WORLD" "CYCLE" AND "MOTOR CYCLE NEWS")

Exterior four-sided view, engine performance curve, running performance curve