





#### HONDA SP-2

We first saw Honda's SP-2 back in 2000, as the red-only SP-1. It was born out of frustration. Honda had clearly had enough of the pesky Italian twins making their fourcylinder bikes look a little ordinary, and decided to ditch a couple of cylinders themselves.

It worked a treat on the racetrack, with Colin Edwards winning the title in its debut season. However, the road going SP never quite lived up to the long since forgotten race bike's success.

I doubt this has anything to do with the way it looks. Despite its age, I still think the SP-2 is the most aesthetically pleasing of all Honda's bikes, It's squat, muscular, and looks up for the fight. It's the same onboard. It feels short, your hands are as close to your knees as they are on the new R6 or Triumph 675. The seat is hard and slopes forward á la 916, and the view of the fully digital clocks through the alloy fairing brace is pure racer. As first impressions go, the SP-2 is storming ahead.

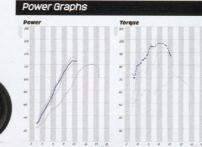
Thumb the starter, try to ignore the 1980s style choke by your left knee, and the 90° V-twin rewards you with a different tune to the Italian machines. It sounds smooth, and is accompanied by that electrical whine only Honda Vs make. It's a sweet sound despite the muffled road legal cans.

By this point you'll probably be quite liking the SP experience, which makes the first fault you

# **E** IT PRODUCES A RESPECTABLE 127BHP AT PEAK, THOUGH THE GUTLESS MIDRANGE COULD DO WITH A RED BULL ##

#### **TECHNICAL HONDA SP-2**





#### Top Speed Max Power 127php

99Nm

#### Highlights

- Best looking Honda
- 3 HRC swingarm

stina Times

- Nissin brakes
- Showa suspension
- **3** 194kg

£9,399 (otr)

Honda's SP-2 is unchanged since 2002. when it was revised from the original SP-1. The motor still uses massive 62mm throttle bodies to fuel the 90° V-twin's combustion chambers. squirting through equally monstrous 12-jet injectors. It goes some way to explaining its legendary thirst, and possibly the wayward throttle response The radiators are side-mounted to keep the frontal area small without compromising cooling efficiency. Each radiator gets its own fan.

The biggest change from the SP-1 to the SP-2 was the use of a race-derived exhaust port shape for improved gas acceleration. It gave 4bhp at peak, and a small midrange boost.

#### Max Torque Chassis

The bumps are taken care of by Showa units at both ends. The fork is 43mm in diameter and fully adjustable, as is the rear monoshock. The swingarm is a 'works replica' item, and it's gorgeous. The build quality of the whole bike is as you'd expect from a Honda flagship. The Nissin four-piston calipers are the bike's strongest attribute. They squeeze the 320mm discs with plenty of bite and power, whilst remaining progressive with ample feel for phat rolling stoppies

The one-piece LCD instrumentation is clearly race-inspired, and features the first digital rev counter. It's efficient. and looks cool, but can be hard to read in direct sunlight.

#### Specification

TYPE 999cc, liquid-cooled, 8v BORE X STROKE 100 x 63.6mm 10.8:1 COMPRESSION Electronic fuel injection FUELLING 127bhp @ 9,850rpm 99Nm @ 7,850rpm TESTED TORQUE

FRAME Aluminium twin-spar FSUSPENSION

43mm Showa fork, fully adjustable Monoshock, fully adjustable FRONT BRAKES Four-piston calipers, 320mm discs

Two-piston caliper, 220mm disc

SEAT HEIGHT 820mm 194kg FUEL CAPACITY

£9,399 otr PRICE FROM (0845 200 8000)

Fuelling, suspension midrange, age



discover a bit of a heart breaker. You'll struggle not to let it bother you too, especially at low speed.

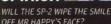
The transition from a closed to open throttle is about as smooth as Pete's favourite chat up line: 'Hey baby, I'm a Pole, do you wanna dance round me?' He's like a Polish Bond is our Pete. Anyway, the fuelling's pretty accurate once nicked up, but it won't be long before that initial jerk gets on your tits. The delivery's smooth enough, there are no holes or spikes. It's so linear that it can feel a little flat compared to the Italians.

It produces a very respectable 127bhp at peak, but the midrange could do with a Red Bull. It doesn't exactly rev that high either. Just when it really seems to be getting into its stride the rev limiter calls time at 10,000rpm. Despite the decent peak bhp, the result is a standing quarter nearly a second behind the Duke and over 10mph slower. Out on the open road where you're constantly relying on pulses of torque, this is a very noticable weakness, and it ruins corner exit speed on track too.

The bike's natural balance is something to lift your spirits back up again. The steering, although not that quick by modern standards is typically neutral and precise. Down fast flowing A-roads the SP feels right at home. The motor can be kept singing and you don't need to lean it over too far, which is definitely a good thing.

The suspension is pretty firm, giving you the impression it'll

## SECOND OPINION



#### Honda SP-2 - 4th

I wouldn't ever have one, but I can understand why you might. It's still a great looking bike, especially in white. It even feels pretty decent to ride as long as you don't push too hard, so your VFR riding mates will be pleased they can keep up.

However, it has less midrange than a DT50 and a shocking throttle response, so the engine doesn't suit steadier riding. It's fast if you thrash it. but then the chassis can't even begin to cope. One for the poseurs only.

take a bit of stick. Sadly, it's under-damped. The forks dive and rebound far too quickly under heavy braking, and at anywhere approaching peg-down lean the front starts to feel more vague than the Labour party manifesto. As soon as the roads tighten or you go on track, you won't be seeing much of the others. You could wind the compression and rebound damping up a bit, but then you might as well just fit iron rods instead of springs.

I like so much of the SP-2. especially its attitude, and that makes it even more disappointing that it can't get the basics right.

#### THE FB TEST TEAM

PRACTICE SAFE SUN WITH YOUR USUAL SUSPECTS. THEY ARE... (FROM LEFT)

**BJ Kubas Cronin - Staff Writer**Despite it being 35° in the shade, Ben wore a thick T-shirt, a neck-warmer, and never removed his leathers all day. Suspected hidden third nipple

# Steve 'Care Bear' Chidiey - Freelance Road Tester A correction to the Summer issue - Steve's real golf handicap is actually

four not six. Tattoos are a disguise. Suspected posh nobber

#### Jay Wilkins - Dep Ed

Even tan and chiselled physique (wake up Jay! - Ed) product of clinical levels of vanity. Suspected Men's Fitness subscriber

#### Polish Pete - Road Tester

B-cup Pete used to have a six-pack. Now it's more of an economy-sized pack, but he's still kicking it in his Calvins. Midnight cookie-jar theft suspect





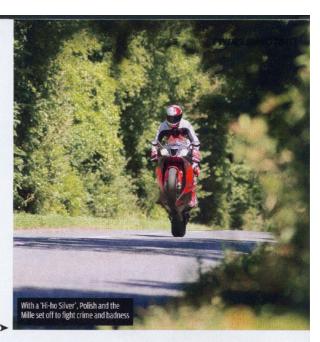
the less than fluid steering and a lack of mechanical grip in shite conditions. The steering does seem more neutral, although the Factory version I rode two months ago definitely steered quicker with its lighter wheels.

The Sachs rear shock and Öhlins fork are still very firm though. If it wasn't for the 34° heat causing the Dunlop D208RRs to stick like burning phosphorous to a child's leg, grip would definitely have been an issue when pushing hard on the Mille. That said, on a decent strip of road or a track the Mille can carry huge corner speed thanks to its impressive

ground clearance.

The biggest problem we had with the Aprilia was with stability. Not fitting a steering damper to what is essentially a track bike once again proves to be an oversight. We admit that not everyone who buys one of these is going to ride it like it was their last day on Earth, but even at fairly comfortable speeds the R would shake its head over a rippled surface and exiting corners. Of course, you can retro-fit one, it just seems weird to leave a damper off when Aprilia obviously thinks the geometrically identical Factory

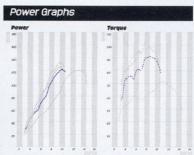
As with the Honda there's a lot about the Mille I like, but I could never choose a bike that I knew wasn't even close to being the best in its class.



**GE** WERE IT NOT FOR THE HEAT MAKING THE TYRES STICK, GRIP WOULD HAVE BEEN AN ISSUE ON THE STIFF SET-UP

## TECHNICAL APRILIA RSV-R





# Statistics

## Testing Times

Highlights

#### Engine

💥 öhlins forks Brembo brakes

Trick forged wheels

🔞 Total bargain

**189kg** 

¥ 123bhp

£8,999 (ct.

#### Don't be fooled by:

The RSV-R uses exactly the same engine as the Factory. Aprilia claim a 10bhp boost for the new model, which translated to a 6bhp gain on the dyno. A lot of other work went into making sure that the ageing Rotax-designed engine could pass Euro3 emissions regulations. The 60° V-twin big-bang motor has only been revised, rather than replaced, since Aprilia first showed the Mille in 1998.

The bike's track aspirations are even more apparent when you look at the official options list: Akrapovic titanium full system, Ergal reverse shifter for a race pattern gearbox, smaller front sprocket for track gearing. The pipe should take output to around 130bhp.

Top Speed 167mph Max Power 123bhp Max Torque 91Nm

#### Chassis

Despite being referred to as a 'new' bike, the chassis spec is much the same as ever. This base 'R' model gets a few extra goodies, including the same Öhlins forks and radially-mounted Brembo brakes as the Factory. The rear shock is a Sachs unit, instead of the Factory's Öhlins, and you don't get a steering damper at all. We would have appreciated at least a cheap, non adjustable item in place of the Öhlins job on the Factory.

The wheels are forged alloy Oz-a-likes, though not as light. Disappointingly, they're shod in Dunlop D208 rubber, whereas the Factory gets far stickier Pirelli Supercorsas. You don't get any of the carbon fibre either.

TYPE 997cc, liquid-cooled, 8v 60° V-twin BORE X STROKE 97 x 67.5mm COMPRESSION 11.8:1 FUELLING Electronic fuel injection

> Aluminium twin-spar Öhlins 43mm fork, fully adjustable

Four-piston calipers, 320mm discs

Two-piston caliper, 220mm disc

TESTED POWER 123bhp @ 10,200rpm **TESTED TORQUE** 91Nm @ 9,500rpm

FRAME

FRONT BRAKES REAR BRAKES

WHEELBASE

**SEAT HEIGHT** 810mm 185kg 18 litres DRY WEIGHT

PRICE FROM

£8,999 otr Aprilia UK (0161 475 1800)

Reduced grunt, stability



#### SUZUKI **GSX-R750**

750cc fours and 1000cc twins have battled each other on road and track for a long time. Over the last fifteen years it's the twins that have had the superior pace in racing. With no kills to their name, the 750s fell foul of natural selection, and their makers either stopped racing, or built twins.

Slowly the roadbikes all but disappeared. The only surviving member, which was also the forefather of the modern superbike, is Suzuki's GSX-R750.

Being the Hammamatsu firm's favourite son, Suzuki were never going to drop it from their line-up. relatively little cost.

The '04 model had found such a sweet balance between power and weight, that it struck a real chord with us thrashers. The fact that the thou's had become so ridiculously fast may have also been a reason why it found favour with more people than it had in a while. For whatever reason you liked it one thing was clear, the 750 was back and as relevant as ever. Who knows, with MotoGP soon moving to 800cc, the 750 might get a new playmate from one of the other Japanese firms.

If one of them does decide to join the fray, they'd better not cut any corners, this bike sets the benchmark very high.

The first thing you notice when

how natural it feels compared to the twins. It puts you in the perfect position for going bananas, but at no expense to your concentration levels because of little comfort issues. Plus as a serious added bonus, the fact that Suzuki wanted to keep the centre of gravity low means there's no underseat exhaust to render you temporarily infertile on hot days. The gear position indicator is a useful

addition as well. The heart and soul of the 750, its motor, is probably the least improved part of the package on paper. Power and torque figures are very similar to last year's

model, with only a 2bhp

claimed increase. Most



#### Suzuki GSX-R750 - 1st

The Italians still make their bikes look sexier. Everywhere else the 750 romped it, doing everything better. It's simply more fun to ride. That it's both loads cheaper

and faster on track seals it. You'll love riding this bike.



for sure that the exhaust system saps power in favour of compact packaging. Only the closer gearing and slightly higher rev-ceiling make the bike quicker than its predecessor.

As you would expect from Suzuki the fuelling is spot on, and a second balancer shaft has given the delivery a creamy quality. Despite not making as much outright power as the 999, and obviously less torque, the GSX-R is by far the quickest bike on test thanks to its weight and spread of power. Obviously you'll have to rape the 750 to stay ahead, try matching the twins from the same rpm and you'll be going backwards. You'll love thrashing it though when you hear it sing. For a standard bike the racket it makes at 14,000 rpm is something else.

¥ 122bhp

£7.799

Don't be fooled by:

Talk about evocative.

The changes to the motor are based mainly around mass centralisation and that's what makes itself felt the most. The bike now steers better than anything on the market. It's far quicker to change direction than any of the twins. It's completely effortless and predictable. Once over, the 750's incredible balance between suppleness and control keep you on the chosen line with the minimum of fuss, no matter what the surface. It doesn't matter where you take these four bikes, track, motorway, or bumpy B-road, the GSX-R will always come out on top. The once accepted fact that V-twins drive harder from an apex and carry more corner speed no longer applies, the 750 has set the standard for all bikes to follow.



# **I** OBVIOUSLY YOU'LL HAVE TO THRASH IT, BUT YOU'LL LOVE DOING IT. THE 750 SETS THE STANDARD FOR ALL BIKES TO FOLLOW **3**

#### TECHNICAL SUZUKI GSX-R750



and length for performance as a result

of mass-centralising being top priority.

The SRAD ram air ducts are 16mm

closer together for better effect at speed, and the 750 uses the new closer

The torque-boosting crankcase

higher final drive.

ratio 'box found in the 600, but with

ventilation holes have grown from 35mm to 39mm to suit higher revs. Mass-centralisation is king here, and Suzuki seem to have done more than most to the weight lower too. The new exhaust plays a big part, though it adds weight. The wheels make it up though. The shock has twin-speed compression damping adjustment, so you don't have to compromise to get handling and bump absorbtion dialled in. The new fork legs have a carbontitanium coating and are 2mm narrower, both helping to reduce stiction for a smoother action. The tubes have thicker walls to maintain strength. The 750 gets the 1000's 23.8° head angle, 310mm brake discs, and improved aerodynamics thanks to a 4% smaller frontal area.

#### Specification ENGINE

ENGINE	
ТУРЕ	750cc, liquid-cooled, 16v inline four
BORE X STROKE	70 x 48.7mm
COMPRESSION	12.5:1
FUELLING	Electronic fuel injection
TESTED POWER	122bhp @ 13,100rpm
TESTED TORQUE	74Nm @ 10,750rpm
CHASSIS	
FRAME	Aluminium twin-spar
FSUSPENSION	41mm fork,
	fully adjustable
R SUSPENSION	Monoshock, fully adjustable, twin-speed
	Water States and Barrier

SUSPENSION Monoshock, fully adjustable, twin-speed CONT BRAKES Four-piston calipers, 310mm discs One-piston caliper, 220mm disc

### DIMENSIONS

WHEELBASE 1400mm

SEAT HEIGHT 810mm

DRY WEIGHT 163kg

FUEL CAPACITY 16.5 litres

RICE 57,799 otr
OM Suzuki GB
(01892 707001)

#### erdict

The undisputed King, Suzuki's latest 750 does everything so well it's really going to take some beating Everything

, Nothin

FINAL SCORE score relates to othe bikes in this test only



Speed Test Results

#### Speed Test Notes

Light weight, a good spread of power, and a not-quite-too-tall first gear make the 750 incredibly quick for its capacity. Easy and predictable to lauch.

The 999 is long, heavy, and low, with great clutch feel, so you can give it loads off the line. It has a long first gear though, which hinders it initially.

The RSV-R is the most aggressive, with a short first gear and a hardhitting midrange. It's very wheelie-prone, but effective when you get it right.

The SP-2 lacks midrange, so you use lots of revs to launch it at the risk of wheelies. It's the slowest in almost every sector, and well down on top speed.

# Top Speed 173 Power 133 Aprilia RSV-R Top Speed 1 le: 28.36s @ 165.52mph Honda SP-2 Top Speed Power 1

#### ALL-NEW DUCATI COMING

999 REPLACEMENT VERY SOON

## Extra-big twin on way WSB rules are almost certain

to change again. In the '90s the 1000cc twins and 750cc fours raced on the same tuning rules, and the twins were so dominant that by 2001 the fours had pretty much disappeared. The rules then changed to allow 1000cc for any engine configuration, but with tighter tuning regs for the fours. Ducati have now got the hump because it's costing so much to run their super-tuned twins. They're calling for a new 1200cc capacity for twins. using the cheaper tuning regs. A new bike is reported to be near ready, probably around the 1170cc mark. It will be more track-focused than the current 999 and its styling will be more along the lines of the stunning 916. It should let them compete more evenly and back more privateers, though hopefully not return WSB to being a Ducati Cup.

#### CONCLUSION

I said it last year and I was wrong, but surely this must be the last time we see all three of these twins together. With the costs involved in racing and owning them, I wouldn't be surprised if the V-twin format was all but extinct by next year. No SP-2, a four-cylinder Mille, and a big Ducati; it isn't hard to imagine. We were saying that about the 750s not long ago though, so maybe we'll keep the best of the twins for a while longer.

That won't include the SP-2. When ridden back to back with the Gixer it feels a lot more than six years-old. It's slow, doesn't handle, and has a jerky throttle response that will drive you mad. If this isn't the last year for the Honda then it'll go down alongside Houdini as one of the greatest escape artists of all time. Last place.

Next up is the Mille. Some will try and argue that because of all the shiny bits it offers better value for money than the Ducati. That's all well and good if all you're going to do is park it outside your house as a giant cock extension, but if you actually want to go places, then the only twin you should consider is the 999. It's faster than the Mille, steers better, has more mechanical

grip, a better brake set-up, and is generally a lot easier to live with. If you really must have the Mille though get in quick, Aprilia won't be able to get that ageing motor through emission laws for much longer, and I'll be amazed if they develop a new one. It's a good track bike, but for road riding the 999 is so much better that it has to take second spot.

Of course, if you're thinking about buying any new bike this year. for Christ's sake go and test ride the GSX-R750 first. Some bikes can almost match it in some areas, but none can get anywhere near its all-round ability. It was even crowned FB's Sportsbike of the Year for 2006, the first bike outside the 1000cc class ever to hold that coveted title. You may think you want a 'grunty', 'easy to ride', 'fast on track' (insert cliché here) V-twin, but in fact for truly accessible performance you want a GSX-R750, you just don't know it yet. 🗲

Polish searches for his own conclusion



# FORGET ALL THE CLICHÉS ABOUT V-TWINS BEING EASIER TO RIDE OR FASTER ON TRACK, FOR TRULY ACCESSIBLE SPEED GET A GSX-R750

