

# **Rick Oliver** *NC30 Conversions, Spares & Advice*

## **NC30/35 parts list (Valid from 5th September 2019)**

### **Chassis parts**

NC30 billet fork yokes – stronger, lighter & prettier! <i>(Available to fit ZXR400L/ZX636, 675 Daytona/ST or stock NC30 forks)</i>	£325/pair
Fork conversion kits <i>(headstock adaptor &amp; taper roller headraces)</i> -	
NC30 frame/ZXR400L yokes	£80
NC30 frame/NC35 yokes	£80
Spacer & bearing kit to fit NC30/35 wheel and discs into ZX636 B1 or C1 forks – full radial/USD using RO or ZXR400 yokes	£90
ZX636 B1H forks also require caliper spacers	£20/set
Stainless steel front wheel spacers –	
NC30/35 wheel into ZXR400L forks	£20/pair
NC30/35 wheel/NC35 yokes/675 Daytona or ST forks	£20/pair
EBC 310mm discs for ZXR400L conversion using NC30 wheel	£160 each
Billet CNC rear eccentric hub <i>(complete with bearings and seals)</i>	£300
Alloy steering stem plugs NC30/35	£15
Alloy screen stay/mirror bracket -	NC30 - £40      NC35 - £40
Race front fairing/clock bracket	NC30 - £35
NC30 alloy handlebars, fit original clamps <i>(black or silver)</i>	£25/pair
Fairing/seat bolts <i>(alloy panel washer/stainless screw)</i>	£2each
Fairing side mount spacers, stainless, c/w bolts & washers	£25/pair
RC30 replica single seat unit for NC30 in white GRP	£130
Spine tank pads <i>(black or clear)</i>	£8
Locking fuel filler cap	£33
Tank mounting rubbers <i>(OE)</i> Front - £6      Rear - £17      Side - £7 each	
Screen bolts <i>(black anodised alloy c/w nuts &amp; washers, pk of 8)</i>	£10
Airblade Screens Clear, Light Smoke or Dark Smoke -	
NC30 Standard shape - £40      NC30/35 Double Bubble - £45	
OEM Replica Clear Screen (injection moulded, with lipped edge)	£35
NC35 Pattern mirrors	£26/pr
NC30 & NC35 Alloy Rear Subframes	£125
<i>(Strictly race/solo use only - 2.5kg lighter than the stock subframe)</i>	
Front brake lever <i>(Honda OE)</i> £42      Clutch lever <i>(Honda OE)</i>	£16
Clutch/Brake lever set <i>(non-OE)</i>	£20
Front mudguard brackets <i>(Honda OE)</i>	£26/pair
Foam clock surround <i>(UK made replica)</i>	NC30/RC30/NC23    £12

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	NC35/NC29	£14
Retaining clips for NC30 foam clock surround		£4 each
<b><u>Wheels &amp; Brakes</u></b>		
NC30/35 VFR750 rear wheel conversion <i>(modified axle complete with studs &amp; nuts + 5mm chain spacer kit)</i>		£130 exchange
Chain spacer kit alone		£18
NC30/35 front wheel bearings -	£6 each	Seals - £5 each
NC30/35 stainless steel captive front wheel spacers		£20/pr
NC30/35 rear wheel nut spacer <i>(black anodised)</i>		£15
Front brake caliper mounting kits -		
NC30 forks/SP1, CBR600RR or Fireblade calipers		£35
ZXR400L forks/GSXR `K` series calipers		£15
Brembo rear caliper mounting kit <i>(Fits Brembo 20.5161.43 or 20.6950.51 type calipers)</i>		£95
Brembo rear brake conversion including new caliper & hose		£205 or £225
Brake Pads -	Fronts - Honda/Nissin HH	£34/pr
	EBC HH	£25/pr
	EBC Extreme Pro Race	£40/pr
	Rears - EBC Standard	£18/pr
	EBC HH for Brembo caliper	£20/pr
Pad retaining pins	NC30/35 Front - £7 each	NC30/35 Rear - £10 each
Rear caliper slider rubbers <i>(OE Honda)</i>		£9/pair
Brake light switches -	Front - £7	Rear - £5
		Rear Hydraulic type - £10
Front Discs – EBC Pro-lite X-Disc		£160 each
	EBC Vee-Rotor (28% lighter than X-Discs)	£160 each
	Arashi <i>(RVF replica, gold anodised centres)</i>	£180/pair
	Arashi wave <i>(Black or Gold centres)</i>	£180/pair
Rear Disc -	Pattern round stock replica	£36
	Arashi wave	£40
Titanium front disc bolts <i>(set of 12, 50g lighter than stock set)</i>		£30
Brembo mini rear brake fluid reservoir		£10
Brake caliper piston kits <i>(one new piston, fluid seal &amp; dust seal) -</i>		
Rear piston kit <i>(NC30/35, 25mm diameter)</i>		£16
Front piston kit, 27mm <i>(NC35 smaller piston)</i>		£16
Front piston kit, 30mm <i>(NC30/35 larger piston)</i>		£16
OE Honda/Nissin brake seals <i>(per piston)</i>		£9
NC30/35 brake master cylinder repair kits –		

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Front (*pattern part*) - £25      Front (*OE Honda*) - £51

Rear (*piston/seals*) - £24    Rear (*c/w pushrod etc*) - £27    Rear (*OEM*) - £70

HEL brake lines for NC30, NC35 or NC30 with SP-1 calipers -

    Pair of front lines - £60    Single rear line - £30    Full set - £90

### **Suspension and Steering**

NC30 jackup kit -

    Full kit (*exchange rocker and new, shorter bottom link*)      £130

    New bottom link only      £75

*(8mm shorter link gives 35mm rear jackup, modified rocker has roller bearing at shock mount to improve suspension action & ride quality)*

NC30 HRC replica suspension linkage (*complete with bearings, seals and new bearing inner sleeves*)      £280

*HRC linkage requires a non-standard shock – see below for custom built Nitron, also works with the OE BMW S1000RR shock.*

NC35 jackup plate (*now redesigned for easier fitting*)      £15

NC30 fork uprate kit, please specify early or late type      £85

*(springs, spacers, race grade oil, level setting tool)*

NC30 fork uprate kit with stronger 0.9kg/mm springs      £90

*(for race use or heavyweight road riders)*

NC35 fork uprate kit      £85

Revalve kits (*RaceTech Gold valves - NC30 late type or NC35 forks*)

    DIY kit      £155

    Exchange valve assemblies      £175

RaceTech cartridge emulators for NC30 early type forks      £150

*Full fitting instructions included with all fork kits*

Fork Top Nuts -      £100/pr

*(Complete new top nut assemblies for late type NC30 forks – straight replacement for the original nuts, hard anodised silver with seize proof stainless steel damping adjuster screws)*

Fork Seals, Honda OE, including dust seals      £52/pair

Fork Bushes, Honda OE, full set of 4      NC30      £42

    NC35      £52

Race grade fork oil, 1 litre bottle      £10

Headrace sets (*including seals and spacers where required*)

    Honda OE ballraces      NC30    £68    NC35    £64

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Taper Roller –	NC30	£40	NC35	£40
Headrace Seals (Honda OE)	NC30 (lower)	£6.50	NC35 (pair)	£13

### Steering Dampers -

140mm Hyperpro side mount steering damper complete with fork clamp and fittings for NC30/NC35 – Gloss Black	£225
NC30/35 Reverse Mount Steering Damper Fitting Kit <i>(fits 140mm side mount damper with adjuster forward, to avoid knee contact &amp;/or crash damage)</i>	£55
NC30/35 fork clamp for steering damper	£20

### Nitron Shocks -

Sport (R1) Non remote reservoir shock with preload, ride height and single proportional damping adjustment.	£440
Track (R2) Remote reservoir shock with preload, ride height and separate compression & rebound damping adjustment.	£595
Race (R3) Remote reservoir shock with preload, ride height and separate high and low speed compression & rebound damping adjustment.	£675

The major components are common to all these shocks, so the difference across the range is only in the level of adjustability, not the build quality. All are custom built to suit your weight and style, and are available in standard or over stock lengths.

Now available with hydraulic preload adjustment - add £195

HRC spec Nitron Track shock to suit my HRC replica linkage	£595
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*(all shocks are built to order – delivery time is usually 3-4 weeks from*



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NC30 or NC35 stainless steel carb allen screw kit	£12	
Carb mounting rubbers ( <i>Honda OE</i> )	£44/set	
Exhaust gaskets - Copper ring type ( <i>OE</i> ) £4 each ( <i>Pattern</i> )	£2 each	
Sleeve type ( <i>front downpipe/collector joint</i> )	£6 each	
Exhaust stud/nut ( <i>downpipe/head, Honda OE</i> ) Stud	£1.50 each Nut	£3 each
NC30 or NC35 ( <i>please specify as they are different</i> ) race can fitting kit	£35	
NC30 Viper Race cans - Alloy Round	£95	
Alloy Oval	£115	

### **HRC Replica carb kits for NC30 and NC35**

NC30 HRC replica SS/SP carburettor kit £85

Equivalent to Honda part# 06160-NKA-000 and consists of -

- 4 - 8ZF needles
- 4 - 8ZG needles
- 4 - 1.0mm needle shims
- 4 - 0.5mm needle shims
- 2 - Front (4-hole) emulsion tubes
- 2 - Rear (5-hole) emulsion tubes

Also available as per original race kit -

- Main jets #140 - #150 £12/set of 4
- Pilot jets #38 - #42 £14/set of 4

NC30 HRC replica TTF3 carburettor kit parts

- Air funnels (bellmouths) 16141-NL1-000 £25/set of 4
- Needles 8ZH, 8ZJ, 8ZK £25/set of 4

NC35 HRC replica carburettor kit £130

Equivalent to Honda part# 06160-NKA-900 and consists of -

- 4 - J9MA needles
- 4 - J9MB needles
- 4 - J9MC needles
- 12 - Needle circlips
- 4 - 0.5mm needle shims
- 4 - Emulsion tubes
- 4 - Slide springs

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2 - HRC replica 30mm velocity stacks

Also available as per original race kit -

Main jets #142 - #158	£12/set of 4
NC35 HRC slide springs available separately	£16/set of 4
NC35 HRC replica 30mm velocity stacks (3D printed replicas of original part# 16216-NKA-900)	£36/pair

## **Electrical & Ignition**

Alternator ( <i>Electrex</i> )	£90
Heavy duty regulator/rectifier ( <i>Electrex RR58</i> )	£75
Advanced MOSFET Regulator/Rectifier with Generator Unload voltage regulation (not compatible with GSXR1000 alternator) ( <i>Voltage regulator disconnects alternator when battery is fully charged instead of shorting it to earth like conventional RR, giving huge reduction in both generator and reg/rec running temperatures</i> )	£140
Starter solenoid conversion kit ( <i>new solenoid, fuse holder &amp; connectors - eliminates OE 'red plug'</i> )	£25
Yuasa Batteries - YTX7A-BS	£40
YTX9-BS	£42
LIPO07C Lithium Ion Battery - directly replaces YTX7A-BS ( <i>1/3 of the weight of the OE battery and has greater cranking power. 90% recharge in under 10 minutes with a 4amp charger – useful for racers running total loss ignition systems</i> )	£80
NC30 or 35 ( <i>please specify</i> ) HT lead set ( <i>copper cored leads/NGK caps</i> )	£40
NGK spark plugs - ER9EH ( <i>Standard road plugs</i> )	£56/set of 4
ER10EH ( <i>Prolonged high speed/track use</i> )	£56/set of 4
Earth upgrade kit ( <i>4 cables, directly earths harness, starter, coils</i> )	£12
NC30 derestriction resistor ( <i>plug &amp; play</i> )	£6
Headlamp bulb ( <i>Japanese spec, 60/35W</i> )	£22
H4 Bulb adaptors ( <i>fit UK 60/55W H4 bulbs to J-spec headlamps</i> )	£10/pair
Left Handlebar switch unit ( <i>plug &amp; play, looks/functions as stock but doesn't have the headlamp flasher button</i> )	£55

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NC30/35 indicators (*pattern parts*) -

Early (small) type	£18	Late (large) type	£18
NC30/35 Flasher relay (pattern part)			£12
Bright White LED sidelight/instrument light bulbs			£1 each
Ignition Switch ( <i>pattern part</i> )			£38
Ignition coils ( <i>Ignitech</i> )			£40 each
Alternator wiring grommets			£5/pair
Alternator connector plug ( <i>both parts</i> )			£3
GSXR Alternator Conversion kit -			
New generator cover to fit Suzuki GSXR1000 K5 or K7 lightweight alternator to NC30/35 engine.			£200

*(GSXR rotor weighs 600g vs 1.8kg for the NC30 unit & gives greatly improved pickup – kit comes with all required gaskets/seals/connectors)*

**\*\*email for a free copy of my charging system testing guide\*\***

### **Ignitech Ignition Systems**

NC30/NC35 Ignitech Programmable TCI Ignition Systems –

Supplied ready to `plug and play`, loaded with either Standard or HRC map. My `Standard` NC30 map is the UK-spec ignition curve but without the original noise and emissions related midrange `dip`.

The Ignitech unit has the following features –

Fully programmable advance curve.

Adjustable rev limiter.

Tachometer correction facility.

Built in circuitry for shiftlight and quickshifter (you just need to add the external lamp/switch)

Inputs for clutch/sidestand lockouts if required.

Outputs for RPM controlled functions (servomotor/powerjet etc.)

Package includes user`s manual, software, alternative maps and 9-pin (RS232) programming lead.

NC30 version	£185
NC35 version	£200
With external wiring for shiftlight and/or quickshifter	add £5



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Gear linkage rod with quickshifter pressure switch £120  
(available in stock length or longer version for rearsset footrest kits)

Ignitech shift light to suit the above units £30

Ignitech CDI Ignition System - converts from the original TCI (Transistor Controlled) type ignition to CDI (Capacitor Discharge) for better spark power, duration and accuracy at high RPM. Has all the same ancillary features as the Ignitech TCI system. **Requires minor rewiring of the ignition coils, all necessary leads and instructions are included.**

NC30 version £210

NC35 version £225

*(I also supply Ignitech ignition packages for NC23, NC29, RC30 & KR1/S – other models available, please contact me with enquiries...)*

### **Cooling System**

Radiators -

NC30/35 road/race radiators - fittings as per stock including fan brackets, 40% better cooling than original equipment.

Lower Radiator £300

Upper Radiator (straight) £250

Upper Radiator (curved) £350

Upper radiators are also available with a cutout in the top edge for Ram Air systems – the radiator is still full flow, not just `cut and blanked` on the upper galleries – add £85 to the standard price for this modification.

Chinese Radiators (including new hoses) £150/pair

Samco Radiator hoses – full set in blue £110

*(other colours & classic matt black available to order)*

Radiator mounts (*mounting rubber + `top hat` spacer*) £4 each

Stainless steel hose clips (*full set*) £24

HRC radiator header bottle £12

Water pump housing gasket £5

Water pump/crankcase O-ring £5

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Thermostat ( <i>Honda OE</i> )	£58
Thermostat housing gasket	£2
Thermostat housing/block O-ring	£3
Water manifold gaskets	£7/pair
Water manifold O-rings	£5/pair
Temperature gauge sender unit	£17
Fan Switch	£22
Radiator cap ( <i>polished stainless steel</i> )	£15
Water pump blanking plug ( <i>for use with electric pump</i> )	£35
Putoline NF premixed coolant 1 litre	£9

### **Engine & Transmission**

Clutch cover gasket	<i>Honda OE</i> £13	Non genuine	£8
Timing cover O-ring			£4.50
Alternator cover gasket	<i>Honda OE</i> £6	Non genuine	£4
Sump gasket	<i>Honda OE</i> (NLA)	Non genuine	£5
Breather cover gasket		Non genuine	£4
Gearshift cover gasket	<i>Honda OE</i> £7.50	Non genuine	£4
Head gasket – Honda OE	£46	Solid Copper (std size or big bore)	£48
Cam cover gasket ( <i>Honda OE</i> )			£22
Valve guide seals ( <i>non-genuine</i> )			£2.50 each
Gearbox mainshaft seal			£16
Selector shaft seal			£4
Clutch pushrod seal			£4
Morris SuperSport 4 10W/40 Semi Synthetic engine oil - 4 litres			£34
Oil filter ( <i>Honda OE</i> )			£13
Oil filter ( <i>HiFlo pattern part</i> )			£7
Short (50mm) Oil filter ( <i>for use with HRC type oil/water cooler</i> )			£7
HiFlo Race Oil filter ( <i>17mm spanner fitting, drilled for lockwire</i> )			£8
K&N Oil filter ( <i>17mm spanner fitting, drilled for lockwire</i> )			£12
Oil sump drain plug ( <i>Honda OE</i> )			£3
Sump drain plug washer			£1

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Magnetic sump drain plug, drilled for lockwiring	£6
Speedo drive joint	£10
Speedo cable ( <i>Honda OE</i> )	£13
Speedo converter ( <i>makes stock KPH clock read in MPH</i> )	£33
EBC Road clutch friction plate kit	£50
EBC Race Kit ( <i>carbon/kevlar plates &amp; uprated springs</i> )	£80
EBC uprated clutch springs ( <i>set of 3, 15% stronger than stock</i> )	£32
Barnett steel clutch plates	NC30 ( <i>set of 9</i> ) £54
	NC35 ( <i>set of 8</i> ) £48
Clutch centre nut ( <i>Honda OE</i> )	£6
Clutch cable NC35 ( <i>Honda OE</i> )	£20
Clutch Cable NC30 ( <i>Venhill</i> )	£21
NC30/35 starter blanking plug ( <i>race use only</i> )	£15
JE 444cc Pistons ( <i>c/w rings, pins &amp; circlips</i> )	£630/set
Cosworth 414cc Race piston set ( <i>call for current availability</i> )	£1300/set
Reverse gear lever ( <i>eliminates the standard linkage</i> )	£10
<b>NEW</b> Gear Selector upgrade ( <i>exchange modified selector cam and detent arm for faster &amp; more positive gearshift</i> )	£60

### **Sprockets and Chains**

#### JT Sprockets –

Steel front 15t or 16t ( <i>520 chain</i> )	£16
Steel front 14t, 15t or 16t ( <i>525 chain</i> )	£16
Steel rear 38t or 40t ( <i>525 chain</i> )	£20

#### Talon Sprockets –

##### Steel fronts –

13t, 14t or 15t ( <i>520 chain – now discontinued, limited stocks left</i> )	£20
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##### Gold anodised alloy rears -

37t - 42t ( <i>525 chain</i> )	£32
43t - 45t ( <i>525 chain</i> )	£35
36t - 42t ( <i>520 chain</i> )	£29
43t - 49t ( <i>520 chain</i> )	£32

#### DID Chains -

520 X-ring	£65
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520 X-ring ( <i>gold</i> )	£80
525 X-ring	£75
525 X-ring ( <i>gold</i> )	£90
JT Chains –	
520 X-ring	£42
520 X-ring ( <i>silver nickel</i> )	£48
525 X-ring	£51
525 X-ring ( <i>silver nickel</i> )	£55
JT Race Chains ( <i>HDS Ultimate Competition, non O-ring</i> ) –	
520	£25
520 ( <i>silver nickel</i> )	£30

### **Tools, Manuals etc.**

Rear Paddock Stand	£75
Front Paddock Stand ( <i>under headstock type</i> )	£75
Front Paddock Stand ( <i>under fork type</i> )	£35
Heavy Duty chain cutting/riveting tool	£40
Clutch nut wrench	£18
Engine mount castle nut wrench	£18
Swingarm castle nut wrench ( <i>with side arm for torque wrench</i> )	£22
Clutch basket/centre holding tool	£15
Double-ended clutch/swingarm nut wrench	£26
NC30/35 Alternator rotor puller ( <i>bolt type M20x1.5</i> )	£5
NC30/35 Chain adjusting tool ( <i>Honda OE</i> )	£25
( <i>Tyga replica</i> )	£20
Shock preload adjusting wrench	£12
36mm Socket ( <i>wheel nut</i> )	£17
41mm Socket ( <i>top yoke nut</i> )	£19

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46mm Socket ( <i>axle nut</i> )	£21
<i>(sockets above are all 3/4" square drive)</i>	
1/2" drive to 3/4" socket adaptor	£10
JIS Screwdrivers ( <i>4 piece set, correct tools for Japanese Philips screws</i> )	£21
Fork seal driver ( <i>41mm split type, for NC30 or NC35 forks</i> )	£30
Haynes Manual	£24

### **Valve Shim Exchange Service**

Used shims from my stock ( <i>sizes as available</i> )	£2 per shim exchange
New shims	£6 per shim exchange
<i>*email for a free copy of my guide to setting NC valve clearances*</i>	

All genuine NC30/35 parts supplied if still available from Honda – please email with your requirements.

### **Contact Details**

Address -           The Croft  
                          Horning Road  
                          Woodbastwick  
                          Norwich  
                          NR13 6HJ

Tel - +44(0)1603 720387 (09:00 – 20:00)

Email – ricknc30@gmail.com

UK carriage charged at cost - heavy/valuable items (e.g. shock absorbers & chains) will be sent by overnight courier, current cost £10.00 for packages up to 10kg. Happy to ship worldwide – please ask for a price quote.

*Tel: +44 (0)1603 720387   email: RickNC30@gmail.com*

***Rick Oliver NC30 Conversions, Spares & Advice***

Cheques payable to `Rick Oliver` please.

Direct credit transfers accepted – please mail for bank details.