

# Ferrari 308 Competition Engine Parts and Processes

by DTM Power Ltd.

## Description

	qty	price ea	price qty
<b>Machining to donor crankcase;</b>			
line bore for billet mains caps	1	£420.00	£420.00
re-thread to M16x1.5 for head stud upgrade	20	£120.00	£2,400.00
face top and bottom	2	£90.00	£180.00
align cam drive bearing housing	1	£375.00	£375.00
bore liners to suit new pistons, cross hatch and plateau hone	8	£82.50	£660.00
re-thread for bell housing stud upgrade	6	£120.00	£720.00
machine crankcase for larger inner cam drive bearings	2	£367.50	£735.00
machine front cover for larger outer cam drive bearings	2	£262.50	£525.00
outer cam drive bearing retaining clamps	2	£157.50	£315.00
nb *not all specifications of engine need all parts and processes*			

	qty	price ea	price qty
<b>Processes to components;</b>			
crack testing throughout	1	£750.00	£750.00
remove old liners, if corroded into crankcase	8	£375.00	£3,000.00
fit new liners	8	£187.50	£1,500.00
full engine balance	1 set	£487.50	£487.50
gas flow cylinder heads	2	£1,800.00	£3,600.00
fit new valve seats	16	£37.50	£600.00
profile cut valve seats	16	£48.00	£768.00
fit new guides	16	£30.00	£480.00
upgrade mods to carburettors (power jet and aux vent mod)	4	£180.00	£720.00
cap and hone conrods	8	£120.00	£960.00
shot peen conrods	8	£120.00	£960.00

	qty	price ea	price qty
<b>Components (modified);</b>			
pistons, any bore size up to 87mm, crowns CNC machined to reqd CR	8	£637.50	£5,100.00
cams, any profile or our own DTM02 profile	4	£1,087.50	£4,350.00
cam followers, shim under type	16	£52.50	£840.00
shims, to suit above	16	£8.63	£138.00
valves	16	£57.00	£912.00
valve guides	16	£41.85	£669.60
valve seats	16	£34.50	£552.00
valve springs	16	£48.00	£768.00
valve spring caps, titanium	16	£67.50	£1,080.00
valve spring seats	16	£31.50	£504.00
cam pulleys, adjustable	4	£330.00	£1,320.00
cam belt tensioner bracket, billet	2	£187.50	£375.00
cam belt tensioner bearing, uprated	2	£87.00	£174.00
billet mains caps, L168 alloy	1 set	£1,462.50	£1,462.50
thread rolled M16 /M12 head studs (requires m/c to crankcase)	20	£63.00	£1,260.00
M12 head nuts and hard faced washers	20	£12.75	£255.00
dry sump pump	1	£1,800.00	£1,800.00
dry sump plumbing and fittings and mount plate	1 set	£1,500.00	£1,500.00
crank pulley and pump pulley for dry sump drive inc toothed belt	1 set	£570.00	£570.00
poly vee water pump pulley set inc belt	1 set	£525.00	£525.00
crank triggered mapped ignition system, incl ECU	1	£3,750.00	£3,750.00
billet distributor housing	2	£1,095.00	£2,190.00
lightweight steel flywheel EN24 integral ring gear for 7" or 5.5" clutch	1	£862.50	£862.50
thread rolled clutch housing studs (requires m/c to crankcase)	5	£72.00	£360.00

	qty	price ea	price qty
<b>Components (non modified)</b>			
shell bearings, big ends, mains, thrusts (std sizes, o/s are additional)	1 set	£637.50	£637.50
gasket and oil seal set, full set	1 set	£922.50	£922.50
cam drive bearings, inner, outer, left and right	1 set	£84.00	£84.00
cam belt	2	£18.00	£36.00

	qty	price ea	price qty
<b>Gearbox;</b>			
low ratio drop gear set	1 set	£3,750.00	£3,750.00
diff bearings	2	£112.50	£225.00

	qty	price ea	price qty
<b>Chassis components;</b>			
modified rear uprights with billet shafts uprated wheel bearings (exch)	2	£3,150.00	£6,300.00
360 upright modification set with tubular wishbones	car set	circa	£15,750.00
big brake kit to suit 3600 upright kit	car set	circa	£8,250.00

	qty	price ea	price qty
<b>Engine build options;</b>			
full competition engine build including dyno run-in and power runs	job	circa	£14,925.00
standard spec engine rebuild with no load bench run and final checks	job	circa	£8,250.00
standard spec engine rebuild including dyno run-in and power runs	job	circa	£11,025.00
development engine (400 bhp plus) build additional hrs to above	per hr		£82.50

	qty	price ea	price qty
<b>Bodywork options;</b>			
308 GTB full body in component form, material polyester GRP		circa	£18,000.00
308 GTB full body in clamshell form, material polyester GRP		circa	£20,250.00
308 GTB full body in component form, material kevlar type aramide		circa	£30,000.00
nb composite prices can vary with the cost of materials at the time of order			

All prices are GBP, subject to VAT at 20%, and are FOB Burcot UK.