



# SERVICE BULLETIN

No. 304

## UNF AND UNC THREADED COMPONENTS

We have introduced Unified threaded components progressively during the last two seasons. The 1969 Unified threaded components are listed below with part numbers, together with their 1968 Whitworth or C.E.I. threaded equivalents.

We recommend this Bulletin being displayed in your Repair Department as a ready reference to prevent against the possibility of cross threading. Note that the components are divided into "B" Range (650 cc) and "C" Range (500 cc).

### "B" RANGE - UNIFIED THREADS

<u>1968 Part No.</u>	<u>Part Number</u>	<u>Description</u>
E8797	E9246	Timing gear cover
T2439	E9244-5	Outer primary cover
T3628	T3753	Gearbox outer cover
E5871	E9481	Crankcase D.S.
E7330	E9247	Crankcase T.S.
T2112	T3766	Inner gearbox cover assy.
E5727 (T120)	E9418	Cylinder head assy.
E7031 (TR6)	E9362	Cylinder head assy.
T2540	E8992	Abutment for clutch cable
E732	T2166	Filler plug - D.S. c/case
E2304	E6596	Cap for oil pressure release valve
E6347	T2259	Plug-access to primary chain tensioner
E5350	E9551	Carburettor adaptor assy. T.S.
E5349	E9550	Carburettor adaptor assy. D.S.
E5914	E9516	Adaptor - exhaust pipe
E5756	E9331 L.H.	Tacho drive box assy.
E5312	E9336	Crankcase filter assy.
T361	T3630	Gearbox drain level plug
T3628	T3760	Gearbox outer cover
E4541	S1859	Bolt - top c/case front
E6929	S1870	Bolt - crankcase
E2490A	S0549	Con rod bolt
E3905	E9330	Plug - oil way - crankshaft
E4706	S1871	Plug - tacho hole D.S. c/case
E4706	S1872	Plug - timing hole
E4537	S1867	Alternator stud - short
E4536	S1866	Alternator stud - long
14-0206	E9557	Carburettor adaptor bolt
T2525	S1879	Countersunk screw (clutch thrust to outer
T1778	S1907	Bolt - gearbox inner cover (cover)
E3717	S1863	Stud - oil pipes junction block
E4542	14-1427	Stud - T.S. gearbox inner/outer cover
DS57	14-0101	Bolt - chain oiler clip
E4540	14-6220	Bolt - top rear
E4093	S1870	Bolt - rear
E6929	14-6242	Bolt - crankcase halves inner

<u>1968 Part No.</u>	<u>Part Number</u>	<u>Description</u>
E5963	14-1445	Stud - rear 4 $\frac{1}{2}$ "
E5232	S1873	Screw - inner top
P0172A	14-0303	Nut - stud rear
E3668	14-6609	Screw - long, timing cover
E3204	14-6608	Screw - short, timing cover
E3805	14-0218	Bolt - torque stay
51-51	14-0302	Nut - torque stay bolt
E4608	14-1301	Nut - carburetter adaptor
E3204	14-6608	Screw - inner cover
T1779	14-7023	Screw - inner cover 1 $\frac{3}{4}$ "
T454	S0547	Stud - gear control plate
H1531	S0544	Domed nut - cover stud top
51-51	14-0302	Nut - cover bolt
T2525	S1878	Screw - outer cover
E3802	14-6609	Screw - long
E3668	14-6608	Screw - short
E3204	14-0702	Nut - alternator
E4806	14-6620	Screw - short outer chain cover
E3204	14-6608	Screw - long outer chain cover
E3718	S1864	Stud - oil pump body
E672 )	S1865	Cylinder base stud
E3523 )		
T361	S0543	Gearbox level plug
E4608	S1932	Locknut - carburetter adaptor
W103	S1877	Nut - manifold
E3732	S1906	Nut - oil pump body stud
S25-13	S1875	Bolt - rocker box to head

"C" RANGE - UNIFIED THREADS

E732	T2166	Filler plug - primary case outer
E2304	E6596	Cap - pressure release valve
E6611	E9495	Alternator stud
E732	E9501	Plug - chaincase filler
E2961	E9510	Adaptor - exhaust pipe
T1644	T3784	Abutment - clutch cable
E4154	T2259	Plug - access to primary chain tensioner
E3711	E9492	Plug - T.S. crankshaft oil tube
E3759	E9248/9	Outer primary cover
T1870	T3755	Gearbox outer cover
E6699	E9506	Cylinder head assy. T90
E6966	E9507	Cylinder head assy. T100
E4645	E9035	T.S. c/case
E5868	E9485	D.S. c/case
E3713	S1913	Bolt - flywheel to crankshaft
E3717	S1863	Stud - T.S. crankcase oil junction block
E3718	S1864	Stud - T.S. oil pump
E3719	S1921	Stud - cylinder base
E3820	S1922	Stud - at dowels - cylinder base
E3859	S1926	Screw - top inner
T1399	S1927	Stud - T.S.c/case gearbox outer cover
E3799	S1919	Bolt - top rear
E3803	S1925	Stud - rear
E1645	S1920	Screw - oil return pipe clip
51-51	S1908	Nut - stud rear
E3728	S1929	Screw - retaining plate
E4565	S1914	Nut - timing pinion
Was same plug (E4706	S1872	Plug - TDC hole
(E4706	S1871	Plug - L.H. thread tacho hole
E3732	S1906	Nut - oil pump stud
E3801	S1916	Screw - long - timing cover
E3735	S1915	Nut - rotor to crankshaft D.S.

<u>1968 Part No.</u>	<u>Part Number</u>	<u>Description</u>
S582	S1923	Stud - long - inlet manifold
E3880	S1924	Stud - short - inlet manifold
W103	S1877	Nut - cylinder head stud - manifold
DS57	S0543	Gearbox level plug
T1944	S1928	Stud - outer cover to housing
51-51	S1877	Nut - outer cover stud
T1402	S1917	Screw - long - outer cover
T1401	S1918	Screw - short - outer cover
E3802	S1878	Screw - long - outer chaincase cover
E3794	14-6609	Bolt - rocker box to cylinder head
E5324	14-0702	Nut - stator stud
S1-51	14-0302	Nut - crankcase stud gearbox outer cover
E3204	14-6608	Screw - inner cover 1".
E4165	14-0220	Bolt - torque stay to frame
S1-51	14-0302	Nut - torque stay
E3800	14-6607	Screw - short timing cover $\frac{7}{8}$ "
E3717	14-6102	Bolt - oil pipe adaptor.
T1875	14-6505	Screw - housing to cover $\frac{7}{8}$ "