

## Valve and Guide Reference Chart

(Use 453- before the valve # & 452- before the guide #)

Year	Model	VALVES		VALVE GUIDES	
		Inlet	Exhaust	Inlet	Exhaust
<b>B. S. A.</b>					
<b>250 c.c.</b>					
1939-58	C11, C11G, C12 ... ..	<b>V12</b> (65-208)	<b>V12</b> (65-208)	<b>G355</b> (65-37)	<b>G355</b> (65-37)
1959-66	C15 ... ..	<b>V169</b> (40-165)	<b>V170</b> (40-166)	<b>G461</b> (40-133)	<b>G461</b> (40-133)
1959-61	C15T, to Engine No. C15T-1320				
1959	C15S ... ..				
1960	C15S, to Engine No. C15S-2112	<b>V210</b> (40-337)	<b>V170</b> (40-166)	<b>G461</b> (40-133)	<b>G461</b> (40-133)
1961-65	C15T, from Engine No. C15T-1320 ... ..	<b>V210</b> (40-337)	<b>V170</b> (40-166)	<b>G461</b> (40-133)	<b>G461</b> (40-133)
1961-65	C15S ... ..				
1961-66	C15SS80, Sportsman ... ..				
1967	B25, Starfire, C25 Barracuda From Engine No. C25-101 ...	<b>V255</b> (68-0661)	<b>V256</b> (68-0662)	<b>G539PB</b> (40-931)	<b>G539PB</b> (40-932)
1968-70	B25 Starfire ... ..	<b>V255</b> (68-0661)	<b>V256N</b> (70-7777)	<b>G539PB</b> (40-931)	<b>G539PB</b> (40-932)
1971-72	B25	<b>V255</b>	<b>V256</b>	<b>712231</b>	<b>712231</b>
<b>350 c.c.</b>					
1950-53	B31, B32 ... ..	<b>V42*</b> (6511-11)	<b>V43*</b> (65-1110)	<b>G457</b> (65-1513)	<b>G458</b> (65-1514)
1954-59	B31 ... ..				
1960-63	B40, 350 Star ... ..	<b>V211</b> (41-22)	<b>V212</b> (41-23)	<b>G510</b> (41-17)	<b>G510</b> (41-17)
1962-65	B40SS90 ... ..	<b>V223</b> (41-24)	<b>V212</b> (41-23)	<b>G510</b> (41-17)	<b>G510</b> (41-17)
<b>441 c.c.</b>					
1965-66	Victor Scrambler, Enduro (Round barrel) ... ..	<b>V223</b> (41-0024)	<b>V212</b> (41-0023)	<b>G510PB</b> (41-0632)	<b>G510PB</b> (41-0633)
1967-69	Victor (Square barrel) ... ..	<b>V268</b> (41-788)	<b>V269</b> (41-789)	<b>G510PB</b> (41-0632)	<b>G510PB</b> (41-0633)
<b>500 c.c.</b>					
1946-49	B33, B34 ... ..	<b>V97*</b> (65-1239)	<b>V98*</b> (65-1240)	<b>G459</b> (65-1515)	<b>G431</b> (65-1242)
1946-49	M33 ... ..				
1950-53	B33, B34 ... ..	<b>V97*</b> (65-1239)	<b>V98*</b> (65-1240)	<b>G432</b> (66-140)	<b>G433</b> (66-139)
1954-59	B33 ... ..				
1950-58	M33 ... ..				
1939-58	M20 ... ..		<b>V20*</b> (66-236)		
All Years	Gold Star DBD ... ..	<b>V243</b> (65-647)	<b>V244</b> (65-2512)	<b>G537PB</b>	<b>G538PB</b>
1971-72	B50 ... ..	<b>V272</b> (71-1735)	<b>V273</b> (71-1736)	<b>G510PB</b> (71-1626)	<b>G539PB</b> (71-1627)

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(Use 453- before the valve # & 452- before the guide #)

Year	Model	VALVES		VALVE GUIDES	
		Inlet	Exhaust	Inlet	Exhaust
<b>500 c.c. TWIN</b>					
1951-55	A7	<b>V15</b> (67-394)	<b>V16</b> (67-395)	<b>G478</b> (67-31)	<b>G478</b> (67-31)
1956-62	A7, from Engine No. CA7-5001	<b>V15</b> (67-740)	<b>V16</b> (67-741)	<b>G478</b> (67-31)	<b>G478</b> (67-31)
1951-55	A7, Star Twin	<b>V15</b> (67-740)	<b>V16</b> (67-532)	<b>G478</b> (67-31)	<b>G478</b> (67-31)
1956-62	Shooting Star from Engine No. CA755-4025				
1954-55	Shooting Star, to Engine No. CA7SS-4024	<b>V15</b> (67-740)	<b>V16</b> (67-532)	<b>G478PB</b> (67-1110)	<b>G478PB</b> (67-1110)
1966	A50, Royal Star, Wasp	<b>V255</b> (68-0661)	<b>V256</b> (68-0662)	<b>G516</b> (68-0159)	<b>G516</b> (68-0167)
1967	A50 Wasp	<b>V255</b> (68-661)	<b>V256</b> (68-662)	<b>G516PB</b> (68-809)	<b>G516PB</b> (68-809)
1967-69	A50 Royal Star	<b>V255</b> (68-661)	<b>V256</b> (68-662)	<b>G516PB</b> (68-809)	<b>G516PB</b> (68-809)
<b>600 c.c.</b>		<b>V19</b> (66-0235)			
1939-59	M21		<b>V20*</b> (66-236)	<b>G432</b> (66-140)	<b>G433</b> (66-139)
<b>650 c.c. TWIN</b>					
1949-55	A10	<b>V17</b> (67-323)	<b>V18</b> (67-324)	<b>G478</b> (67-31)	<b>G478</b> (67-31)
1956-62	A10, from Engine No. DA10-651	<b>V17</b> (67-742)	<b>V18</b> (67-743)	<b>G478</b> (67-31)	<b>G478</b> (67-31)
1956-59	A10, Super Rocket, from Engine No. CA10R-6001	<b>V127</b> (67-968)	<b>V128</b> (67-967)	<b>G478</b> (67-31)	<b>G478</b> (67-31)
1960-63	A10, Super Rocket, from Engine No. DA10R-101	<b>V215</b> (67-1551)	<b>V128</b> (67-967)	<b>G478</b> (67-31)	<b>G478</b> (67-31)
Valve reference V215 is also available with head diameter 1/16" oversize for which the reference is <b>V215/OS</b>					
1962-63	A65, Star Twin	<b>V226</b> (68-0156)	<b>V254</b> (68-0663)	<b>G516</b> (68-0159)	<b>G516</b> (68-0159)
1964-65	A65, Star Twin, Rocket, Lightning	<b>V226</b> (68-0156)	<b>V254</b> (68-0663)	<b>G516</b> (68-0159)	<b>G516</b> (68-0167)
1966	A65, Lightning, Hornet, Thunderbolt, Spitfire Mk II	<b>V253</b> (68-665)	<b>V254</b> (68-0663)	<b>G516</b> (68-0159)	<b>G516</b> (68-0167)
1967-69	A65, Lightning, Hornet, Thunderbolt, Spitfire Mk II	<b>V253</b> (68-665)	<b>V254</b> (68-0663)	<b>G516PB</b> (68-809)	<b>G516PB</b> (68-809)
1971-72	A65	<b>V253</b> (68-665)	<b>V254</b> (68-0663)	<b>G542PB</b> (71-2300)	<b>G542PB</b> (71-2300)
<b>750 c.c. 3 Cylinder</b>					
1968-72	A75, Rocket 3	<b>V270</b> (70-6422)	<b>V271</b> (70-6423)	<b>G540PB</b> (70-6420)	<b>G540PB</b> (70-6420)

## Valve and Guide Reference Chart

(Use 453- before the valve # & 452- before the guide #)

Year	Model	VALVES		VALVE GUIDES	
		Inlet	Exhaust	Inlet	Exhaust
<b>NORTON</b>					
<b>250 c.c.</b>					
1959-66	Jubilee Twin ... ..	<b>V183</b> (21457)	<b>V184</b> (20744)	<b>G498</b> (20728)	<b>G498</b> (20728)
<b>350 c.c. and 400 c.c.</b>					
1955-58	Model 50 ... ..	<b>V140</b> (L13-142)	<b>V140</b> (L13-142)	<b>G269PB</b> (D3T-140)	<b>G269PB</b> (D3T-140)
1959-63	Model 50 ... ..	<b>V140</b> (18737)	<b>V140</b> (18737)	<b>G479</b> (20050)	<b>G479</b> (20050)
1964-66	Model 50 Mk2 ... ..	<b>V208*</b> (026028)	<b>V222*</b> (028105)	<b>G515</b> (026030)	<b>G506</b> (024519)
1961-65	'Navigator' ... ..	<b>V183</b> (21457)	<b>V184</b> (20744)	<b>G498</b> (20728)	<b>G498</b> (20728)
1964-66	ES400 ... ..				
<b>500 c.c. Single</b>					
1933-37	16H, S.V. ... ..	<b>V141</b> (9120)	<b>V29</b> (9120)	<b>G394</b> (3715)	<b>G394</b> (3715)
1939-45	16H, EX WD ... ..				
1935-47	18, ES2 ... ..	<b>V37</b> (A3-142)	<b>V37</b> (A3-142)	<b>G269</b> (A3-140)	<b>G269</b> (A3-140)
1948-54	18, ES2 ... ..				
1955-58	18, ES2 ... ..	<b>V37</b> (A3-142)	<b>V37</b> (A3-142)	<b>G269PB</b> (D3T-140)	<b>G269PB</b> (D3T-140)
1954-58	500 T ... ..				
1959-63	ES2 ... ..	<b>V37</b> (A3-142)	<b>V37</b> (A3-142)	<b>G479</b> (20050)	<b>G479</b> (20050)
1964-66	ES2 Mk2 ... ..	<b>V208*</b> (026028)	<b>V209*</b> (026029)	<b>G515</b> (026030)	<b>G506</b> (024519)
<b>500 c.c., 600 c.c. and 650 c.c. TWIN</b>					
1949-59	Dominator, 77, 88, 99 ... ..	<b>V26</b> (T2010)	<b>V27</b> (T2204)	<b>G454</b> (T2011)	<b>G454</b> (T2011)
1960-66	88, 99, 650ss, Manxman ... ..	<b>V195</b> (17221)	<b>V27</b> (T2204)	<b>G454</b> (D12-140)	<b>G454</b> (D12-140)
<b>600 c.c. and 633 c.c. Single</b>					
1935-58	Model 19, O.H.V. ... ..	<b>V37</b> (A3-142)	<b>V37</b> (A3-142)	<b>G269PB</b> (D3T-140)	<b>G269PB</b> (D3T-140)
<b>750 c.c. TWIN</b>					
1964-66	Atlas ... .. Valve reference V240 is also available with head diameter 1/16" oversize for which the reference is V240/1.	<b>V240</b> (24330)	<b>V27</b> (T2204)	<b>G543</b> (T2011)	<b>G544</b> (T2011)
1968-On	Commando 750 ... ..	<b>V263</b> (25501)	<b>V264</b> (25500)	<b>G543</b> (T2011)	<b>G544</b> (T2011)
1973-On	Commando 850 ... ..	<b>V263</b> (064034)	<b>V264</b> (063282)	<b>G547</b> (062725)	<b>G548</b> (T2011)

## Valve and Guide Reference Chart

(Use 453- before the valve # & 452- before the guide #)

Year	Model	VALVES		VALVE GUIDES	
		Inlet	Exhaust	Inlet	Exhaust
<b>TRIUMPH</b>					
<p>Special inlet valves for T110, T120 and TR6 with head diameter 1/16" oversize are available, reference V137/1 and V245/1.</p> <p>Special exhaust valves in nimonic material are also available for the following models, 5T, T100, TR5, 6T, T110, T120 and TR6. Valve references are V14/N, V24N and V138/N.</p>					
<b>150 c.c. and 200 c.c.</b>					
1953-59	T15, T20, T20C ... ..	<b>V48*</b> (E3146)	<b>V49</b> (E3147)	<b>G461</b> (E3208)	<b>G461</b> (E3208)
1959-66	T20, T20T, from Engine No. 56360 ... ..	<b>V191</b> (E3963)	<b>V49</b> (3147)	<b>G461</b> (E3208)	<b>G461</b> (E3208)
1959-66	T20S, T20SL, T20S/S, T20SH, from Engine No. 45312 ...	<b>V191</b> (E3963)	<b>V49</b> (E3147)	<b>G461</b> (E3208)	<b>G461</b> (E3208)
1967-68	Bantam Cub, Super Cub ...	<b>V191</b> (E3963)	<b>V49</b> (E3147)	<b>G461</b> (E3208)	<b>G461</b> (E3208)
<b>250 c.c.</b>					
1959-64	'Tigress' Scooter ... ..	<b>V189*</b> (76-61)	<b>V190*</b> (76-60)	<b>G503</b> (76-15)	<b>G503</b> (76-15)
1968-70	TR25W ... ..	<b>V255</b> (E8112)	<b>V256</b> (E7777)	<b>G539PB</b> (E8225)	<b>G539PB</b> (E8226)
1971-72	See BSA B25				
<b>350 c.c.</b>					
1957-65	Twentyone 3TA ... ..	<b>V135</b> (E3738)	<b>V136</b> (E3739)	<b>G461</b> (E3208)	<b>G461</b> (E3208)
1963-65	Tiger 90 ... ..	<b>V232</b> (E4640)	<b>V136</b> (E3739)	<b>G461</b> (E3208)	<b>G461</b> (E3208)
1966	3TA ... ..	<b>V135</b> (E3738)	<b>V136</b> (E3739)	<b>G461</b> (E3208)	<b>G461</b> (E3208)
1966-67	Tiger 90 ... ..	<b>V232</b> (E4640)	<b>V136</b> (E3739)	<b>G461PB</b> (E6301)	<b>G461PB</b> (E6301)
1968-69	Tiger 90 ... ..				
<b>500 c.c.</b>					
1946-59	5T ... ..	<b>V14</b> (E1956)	<b>V14</b> (E1956)	<b>G420</b> (E1480)	<b>G424</b> (E1604)
1946-50	T100 ... ..	<b>V14</b> (E1956)	<b>V14</b> (E1956)	<b>G420</b> (E2899)	<b>G424</b> (E2900)

*If you don't see the bike you are working on listed, please ask!*



## Valve and Guide Reference Chart

(Use 453- before the valve # & 452- before the guide #)

Year	Model	VALVES		VALVE GUIDES	
		Inlet	Exhaust	Inlet	Exhaust
<b>TRIUMPH 500 c.c. — continued</b>					
1951-59	T100 and TR5 ... ..	V25 (E2969)	V14 (E1956)	G420 (E2899)	G424 (E2900)
1959-65	T100A, 5TA and T100S/S ...	V187 (E4012)	V188 (E4013)	G461 (E3208)	G461 (E3208)
1966	T100 ... ..	V187 (E4012)	V188 (E4013)	G461PB (E6301)	G461PB (E6301)
1966	5TA ... ..	V187 (E4012)	V188 (E4013)	G461 (E3208)	G461 (E3208)
1966	T100C, T100S ... ..	V187 (E4012)	V188 (E4013)	G461PB (E6301)	G461PB (E6301)
1967	T100C, T100S ... ..	V265 (E6853)	V266 (E6854)	G461PB (E6301)	G461PB (E6301)
1966-67	T100R, T100T ... ..				
1968	T100C ... ..	V265 (E6853)	V266 (E6854)	G461 (E10229)	G461 (E10229)
1968-69	T100S, T100R ... ..	V265 (E6853)	V266 (E6854)	G461PB (E6301)	G461PB (E6301)
1970	T100T, T100T ... ..				
<b>650 c.c.</b>					
1949-62	6T, Thunderbird ... ..	V23 (E2903)	V24 (E2904)	G420 (E2899)	G424 (E2900)
1954-57	T110, TR6 ... ..	V137 (3310)	V24 (E2904)	G420 (E2899)	G424 (E2900)
1958-63	T110, TR6 ... ..	V137 (E3310)	V138 (E3927)	G420 (E2899)	G424 (E2900)
1959-63	T120, Bonneville ... ..	V137 (E3310)	V138 (E3927)	G420PB (E3827)	G424PB (E3828)
1963-65	6T, Thunderbird, from Eng. No. DU5825 ... ..	V137 (E3310)	V138 (E3927)	G420 (E2899)	G424 (E2900)
1963-65	TR6, from Eng. No. DU5825 ...	V137 (E3310)	V138 (E3927)	G420 (E2899)	G424 (E2900)
1963-65	T120, Bonneville, from Eng. No. DU5825 ... ..	V245 (E4603)	V24 (E2904)	G420PB (E3827)	G424PB (E3828)
1966	T120, Bonneville ... ..	V245 (E4603)	V24 (E2904)	G420PB (E3827)	G424PB (E3828)
1966	TR6, 6T ... ..	V137 (E3310)	V138 (E3927)	G420 (E2899)	G424 (E2900)
1966	TR6 from Engine No. DU44394	V245 (E4603)	V24 (E2904)	G420 (E2899)	G4244 (E2900)
1967-70	TR6 ... ..	V245 (E4603)	V24 (E2904)	G420 (E2899)	G424 (E2900)
1967-On	T120 Bonneville ... ..	V245 (E4603)	V24 (E2904)	G420PB (E3827)	G424PB (E3828)
1973-78	T140/TR7	V245	V24	452-01/A	452-01
1979-ON	T140E	V245	V24	452-02	452-02
1971-73	Trident T150	V270	V271	G540/PB	G540/PB
1973-76	Trident T150/T160	V282	V283	G540/PB	G540/PB
Valves changed mid 1973					

(at engine # T150V04571)