

Periodic Maintenance & Lubrication Chart

220
OIL COOLING

AVENGER DTS-I

Sr. No.	Operation	RECOMMENDED FREQUENCY								Subsequent
		Servicing	1st	2nd	3rd	4th	5th	6th	7th	
		Kms	500 750	4500 5000	9500 10000	14500 15000	19500 20000	24500 25000	29500 30000	
1.	Servicing		✓	✓	✓	✓	✓	✓	✓	1 st - 500-750 Kms / 30-45 days, 2 nd onward@5000Km
2.	Idle speed / CO%	C, A	C, A	C, A	C, A	C, A	C, A	C, A	C, A	
3.	Valve tappet clearance	C, A	C, A	C, A	C, A	C, A	C, A	C, A	C, A	
4.	Engine oil (Bajaj DTSI 10000 oil)*	C, A	R	Top-up	R	Top-up	R	Top-up	R	Top-up@every 5000 Km Replace in 1st service & at every 10000 Km
5.	Oil strainer (Bajaj DTSi 10000 oil)*	CL	CL		CL		CL		CL	
6.	Engine oil filter (Bajaj DTSi 10000 oil)*	R	R		R		R		R	Replace at every oil change
7.	Body centrifugal filter -- Pulsar / Platina	CL	CL				CL			
8.	Spark plug gap	CL,A	CL,A	CL,A	CL,A	CL,A		CL,A	CL,A	
9.	Spark plug	R					R			Replace at every 20000 km
10.	Air cleaner element***	CL, R	CL	CL	CL	R	CL	CL	R	Replace at every 15000 km
11.	Air filter cover 'O' ring	R				R			R	Replace at every 15000 km
12.	Inline paper filter alongwith hose & clamps**	R				R			R	Replace at every 15000 km
13.	Fuel cock sediment bowl cleaning	CL		CL	CL	CL	CL	CL	CL	
14.	Fuel cock-Paper filter element & seal**	R				R			R	Replace at every 15000 km
15.	Carburettor	CL,A				CL,A			CL,A	

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			Kms	500 750	4500 5000	9500 10000	14500 15000	19500 20000	24500 25000	
16.	Carburettor float chamber cleaning	CL			CL		CL		CL	
17.	Carburettor rubber duct	C,R					C,R			Check & replace if required
18.	Fuel pipes	C,R	C	C	C	R	C	C	R	Replace at every 15000kms
19.	Coolant level check in expansion tank**	C,A	C,A	C,A	C,A	C,A	C,A	C,A		At every service
20.	Coolant in expansion tank**	R	Replacement at every 30000 Kms or 2 year (whichever occurs earlier)							
21.	Coolant hose damage/clamps/leakage**	C,R		C,R	C,R	C,R	C,R	C,R	C,R	Check & replace if required
22.	Coolant hose damage/clamps/leakage**	R	Replacement at every 35000 Kms or 3 years (whichever occurs earlier)							
23.	Radiator fins**	C,A		C,A	C,A	C,A	C,A	C,A	C,A	
24.	Battery electrolyte level & specific gravity**	C	C	C	C	C	C	C	C	
25.	Battery connections	C,T		C,T	C,T	C,T	C,T	C,T	C,T	
26.	Clutch plate	C,R					C,R			Check & replace if required
27.	Clutch play	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	
28.	Throttle play	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	
29.	Brake play	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	
30.	Brake lining or pad wear	C,R	C,R	C,R	C,R	R	C,R	C,R	C,R	Replace at every 15000 Kms
31.	Brake fluid level / top up**	C,A	C,A	C,A	C,A	C,A	C,A	C,A		Check & Top up if required in every service

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			Kms	500 750	4500 5000	9500 10000	14500 15000	19500 20000	24500 25000	
32.	Brake fluid	R							R	
33.	Front brake hose	R							R	
34.	Master cylinder piston kit	R							R	
35.	Caliper piston seal and Dust seal	R							R	
36.	Brake cam & pedal pivot pin**	L		L	L	L	L	L	L	
37.	Rear sprocket fasteners	C,T	C,T	C,T	C,T	C,T	C,T	C,T	C,T	
38.	Rear wheel rubber shock damper	C,R			C,R		C,R		C,R	Check & replace if required
39.	Silencer drain hole cleaning	CL		CL	CL	CL	CL	CL	CL	
40.	Silencer tail pipe cleaning-Pulsar 150/180	CL		CL	CL	CL	CL	CL	CL	
41.	Engine compression pressure	C					C		C	
42.	Cylinder head de-carbonising	CL					CL			If required
43.	Engine air breather tube	R					R			Replace at 20000 Kms
44.	Drive chain slackness	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	
45.	Drive chain lubrication on vehicle	C,L	C,L							
46.	Drive chain link lock	R		R	R	R	R	R	R	Whenever drive chain opened.
47.	Drive chain wear -- Remove & Lubricate	C,L		C,L	C,L	C,L	C,L	C,L	C,L	
48.	Drive chain ("O" ring design)**	L	Lubricate at every 500 km.(By customer)							
49.	Wheel bearing	C,R			C,R	C,R	C,R	C,R	C,R	Check & replace if required

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OHV COOLING

AVENGER DTS-I

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			1st	2nd	3rd	4th	5th	6th	7th	
			Kms	500 750	4500 5000	9500 10000	14500 15000	19500 20000	24500 25000	
50.	Spoke tightening-Front & Rear**	C,T	C,T	C,T	C,T	C,T	C,T	C,T	C,T	
51.	Tyre tread wear	C,R			C,R	C,R	C,R	C,R	C,R	Check & replace if required
52.	Front fork oil	R			R		R		R	Replace at every 10000kms
53.	Front fork oil seal	R			R		R		R	Replace at every 10000kms
54.	Auto choke**	C		C	C	C	C	C	C	
55.	Gap betn Reed switch & TPS magnet**	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	
56.	Rr. Shock Absorber- Check gas pressure**	C,A					C,A			Not required for new design (Filling from bottom)
57.	Starter Clutch** (Dry Application)	L		L	L	L	L	L	L	
58.	Wiring harness	C		C		C		C		
59.	Ignition switch contacts cleaning	C,CL	C,CL	C,CL	C,CL	C,CL	C,CL	C,CL	C,CL	
60.	Clutch switch & brake switch (Horizontal base) contacts cleaning**	C,CL,L			C,CL,L		C,CL,L		C,CL,L	
61.	Clutch switch (Vertical base)**	C,R			C,R		C,R		C,R	Check & replace if required
62.	Rear brake switch	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	
63.	Starter motor connections**	C,T		C,T	C,T	C,T	C,T	C,T	C,T	
64.	Starter relay connections**	C,T		C,T	C,T	C,T	C,T	C,T	C,T	

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65.	HT coil connections	C,T		C,T	C,T	C,T	C,T	C,T	C,T	
66.	Oil pressure indicator check on console**	C	C	C	C	C	C	C	C	
67.	General lubrication	L	L	L	L	L	L	L	L	
68.	Main stand & side stand pin**	C,L			C,L		C,L		C,L	
69.	Swing arm pivot pin (for non silent bush)**	L		L	L	L	L	L	L	
70.	Engine foundation silent bushes**	R				R			R	Replace at every 15000Kms
71.	Steering play	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	
72.	Steering stem bearing***	C,CL,L,R			C,CL,L,R		C,CL,L,R		C,CL,L,R	Check & replace if required
73.	Cap steering bearing (Plastic)**	C,R			C,R		C,R		C,R	
74.	Step -Pillion LH & RH (Ball & Plate)**	C,CL		C,CL	C,CL	C,CL	C,CL	C,CL	C,CL	
75.	All fasteners tightness	C,T	C,T	C,T	C,T	C,T	C,T	C,T	C,T	

* It is strongly recommended to use only “Bajaj DTS-i 10000” Genuine engine oil. In case any other engine oil of same specifications is used, the frequency of Sr. No. 4, 5 & 6 will be every 5000 Kms.

** As applicable to model

*** More frequent cleaning may be required when driving in dusty condition.

C : Check, A : Adjust, CL : Clean, R : Replace, T : Tighten, L : Lubricate

Note : Periodic parts / lubricants to be replaced as per Periodic Maintenance and Lubrication Chart are mandatory and the same are chargeable to customer.