

PERIODIC MAINTENANCE SCHEDULE - TVS KING DURAMAX & TVS KING DURAMAX PLUS 4S CNG, LPG & Petrol BS-VI OBD II VARINATS

S.No	Sub Activity	Parameters	1000 Kms	5000 Kms	10000 Kms	15000 Kms	20000 Kms	25000 Kms	30000 Kms	35000 Kms	40000 Kms	45000 Kms	50000 Kms	55000 Kms	60000 Kms	65000 Kms	70000 Kms	75000 Kms	80000 Kms	85000 Kms	90000 Kms	95000 Kms	100000 Kms	
			40 Days	70 Days	105 Days	135 Days	170 Days	200 Days	235 Days	265 Days	300 Days	330 Days	365 Days	395 Days	425 Days	455 Days	485 Days	515 Days	545 Days	575 Days	605 Days	635 Days	665 Days	
DO IT YOURSELF - SERVICE OPERATIONS TO BE PERFORMED BY CUSTOMER																								
1	Clean	Wash and Clean Vehicle	Every 1000 kms																					
2	Check & Top up	Engine Oil		●		●		●		●		●		●		●		●		●		●		
3		Differential oil		●		●		●		●		●		●		●		●		●		●		
4		Brake fluid in brake fluid reservoir		●		●		●		●		●		●		●		●		●		●		
5		Coolant level		●		●		●		●		●		●		●		●		●		●		
6		Clutch Lever End Play and Engine End Play adjustment / setting		●		●		●		●		●		●		●		●		●		●		
7		Tyre pressure		●		●		●		●		●		●		●		●		●		●		
8		Lubricate Brake Pedal Fulcrum Joint		●		●		●		●		●		●		●		●		●		●		
9		Clean and Adjust Steering Friction Plate`		●		●		●		●		●		●		●		●		●		●		
PERIODIC MAINTENANCE SERVICE - SERVICE OPERATIONS TO BE PERFORMED AT WORK SHOP																								
1	Check, Inspect & Top up	Brake fluid in brake fluid reservoir			●		●		●		●		●		●		●		●		●		●	
2		Coolant level	●		●		●		●		●		●		●		●		●		●		●	
3		Cooling system circuit leak check	●		●		●		●		●		●		●		●		●		●		●	
4		Battery Electrolyte Level			●		●		●		●		●		●		●		●		●		●	
5	Check & Adjust	Engine foundation bolt	●		●		●		●		●		●		●		●		●		●		●	
6		Brake Effectiveness	●		●		●		●		●		●		●		●		●		●		●	
7		Fasteners of Door assy (hinge) & Sticker assy, dash board, rear view mirror wind shield, Soft top frame and body	●		●		●		●		●		●		●		●		●		●		●	
8		Valve tappet clearance	●		●		●		●		●		●		●		●		●		●		●	
9		Oil circulation at cylinder over head camshaft	●		●		●		●		●		●		●		●		●		●		●	
10		Carburetor - idle speed, CO%, HC only in LPG & CNG variants	●		●		●		●		●		●		●		●		●		●		●	
11		Check play of all control cables and adjust if required	●		●		●		●		●		●		●		●		●		●		●	
12		Tyre pressure	●		●		●		●		●		●		●		●		●		●		●	
13		Radiator mounting screw adjustment	●		●		●		●		●		●		●		●		●		●		●	
14		Steering Lock Nut	●		●		●		●		●		●		●		●		●		●		●	
15		Handle bar bolt Tightness	Whenever Customer Complaints																					
16		Wheel Rim Nut Tightness			●		●		●		●		●		●		●		●		●		●	
17		Body bolts			●		●		●		●		●		●		●		●		●		●	
18		Replace	Engine oil	●		●		●		●		●		●		●		●		●		●		●
19	Oil Filter		●		●		●		●		●		●		●		●		●		●		●	
20	Differential oil		●		●		●		●		●		●		●		●		●		●		●	
21	Spark plug				●		●		●		●		●		●		●		●		●		●	
22	Air filter element										●										●			
23	Brake Shoe									●									●					
24	Replace Breather Tube											●									●			
25	Replace Coolant		Every 40,000km																					
26	Water Pump Coupler		Every 40,000km																					
27	Replace Coolant pump assy		1,20,000 km																					

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			Kms	Kms	Kms	Kms	Kms	Kms	Kms	Kms	Kms	Kms	Kms	Kms	Kms	Kms	Kms	Kms	Kms	Kms	Kms	Kms	Kms	Kms
			40 Days	70 Days	105 Days	135 Days	170 Days	200 Days	235 Days	265 Days	300 Days	330 Days	365 Days	395 Days	425 Days	455 Days	485 Days	515 Days	545 Days	575 Days	605 Days	635 Days	665 Days	
28		Replace Radiator assy	72,000 km / 2Yrs.																					
29		Replace Cooling system hoses	72,000 km / 2Yrs.																					
30		Replace Front shock absorber	72,000 km																					
31		Replace Rear shock absorber	72,000 km																					
32	Clean	Vehicle	●		●		●		●		●		●		●		●		●		●		●	
33		Radiator core for dust or mud accumulation & clean from out side if required			●		●		●		●		●		●		●		●		●		●	
34		Air filter element	●		●		●		●		●		●		●		●		●		●		●	
35		fuel tap (strainer only)			●		●		●		●		●		●		●		●		●		●	
36		Petrol tank									●										●			
37		Oil strainer (replace if damaged)	●		●		●		●		●		●		●		●		●		●		●	
38		Decarbonize cylinder head and piston					●				●						●				●			
39		Hose cleaning (All). Replace, if damaged					●				●						●				●			
40		Brake Shoe Liner			●		●		●		●		●		●		●		●		●		●	
41		Clean Coolant tank	Once in a year																					
42	Clean Cooling fan assembly	72,000 km / 2Yrs.																						
43	Inspect	Engine Breather Tube			●		●		●		●		●		●		●		●		●		●	
44		Compression pressure			●		●		●		●		●		●		●		●		●		●	
45		Adjuster assembly chain tensioner spring			●		●		●		●		●		●		●		●		●		●	
46		Inspect Pipe nut joints (cracks & damages)			●		●		●		●		●		●		●		●		●		●	
47		Inspect Electrical connection checking			●		●		●		●		●		●		●		●		●		●	
48		Rubber Bellow for Crack or Damage			●		●		●		●		●		●		●		●		●		●	
49		Inspect petrol hose			●		●		●		●		●		●		●		●		●		●	
50	Electrical	Check all lights, horn & switches functioning			●		●		●		●		●		●		●		●		●		●	
51	Greasing or Lubrication	Steering races & balls			●		●		●		●		●		●		●		●		●		●	
52		Speedo gear & pinion	●		●		●		●		●		●		●		●		●		●		●	
53		Speedo cable inner			●		●		●		●		●		●		●		●		●		●	
54		Muff cup (Flange)			●		●		●		●		●		●		●		●		●		●	
55		Brake lever fulcrum point			●		●		●		●		●		●		●		●		●		●	
56		Hand starter front shaft			●		●		●		●		●		●		●		●		●		●	
57		Hand starter rear shaft (Engine End)			●		●		●		●		●		●		●		●		●		●	
58	Others	Tyre Rotation			●		●		●		●		●		●		●		●		●		●	
59		Check battery voltage and charge if required			●		●		●		●		●		●		●		●		●		●	
60		Apply petroleum jelly on battery terminals			●		●		●		●		●		●		●		●		●		●	
61	CNG	Drain oil from Gas LP Filter			●		●		●		●		●		●		●		●		●		●	
62		Replace Secondary Stage Reduser Filter & LP Filter					●				●						●				●			
63		Clean - 1st & 2 stage regulator	Only in case of complaint																					
64		Clean filter - 1st stage & Gas solenoid	Only in case of complaint																					
65		Replace filter - 1st stage & Gas solenoid					●				●						●				●			

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66		Check joints of pipes and hoses in gas system for leakage using soap solution	●		●		●		●		●		●		●		●		●		●		●	
67		Electrical connection checking	Only in case of complaint																					
68		Replace Flexible & low pressure hose	Once in a year																					
70		Hydraulic Pressure Test for Tank	Every 3 Years																					
71	LPG	Replace Secondary Stage Reduser Filter & LP Filter					●				●						●				●			
72		Clean - LP Filter			●		●		●		●		●		●		●		●		●		●	
73		Service LPG Second stage Reducer	Only in case of complaint																					
74		Check LPG kit / tank mountings	Only in case of complaint																					
75		Check Multi valve / vapor box for any leakage	Only in case of complaint																					
76		Check joints of pipes and hoses in gas system for leakage using soap solution	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
77		Check Injector Hose for cracks & Replace	C	C	C	C	●	C	C	C	●	C	C	C	C	C	C	●	C	C	C	●	C	C
78		Electrical connection checking	Only in case of complaint																					
79		Check for ventilation hose installation	Only in case of complaint																					
80		Petrol hose checking	Every week visual check																					
81		Hydraulic Pressure Test for Tank	Every 5 Years																					
82		LP filter cartridge replacement (Both LPG &CNG)		●				●				●		●				●				●		
83		Replace Flexible & low pressure hose	Once in a year																					

NOTE: Before Lubricating each part, Clean them thoroughly ,remove rusty spotsif any. Lubricate exposed parts which are subjected to rust with either engine oil or grease whenever the vehicle is used / Operated under wet or rainy condition. Perform the do it yourself activity by customers as per the mentioned period