



Contents

1	Engine overview	1
2	Maintenance services	3
2.1	Information on fixed service	3
2.2	Service tables for Brazilian Market and Paraguayan Export Market MY 2017	4
2.3	Service tables for LAM, Argentinian and Mexican Export Markets MY 2017	18
2.4	Service tables MY2018 ►	20
3	General comments	28
3.1	Lifting of the vehicle with a workshop lift or trolley jack	28
3.2	Service Schedule records	30
3.3	Vehicle self-diagnosis system: read failure memory	31
3.4	Vehicle identification data	33
3.5	Severe / adverse operating conditions	34
3.6	Engine identification letters and engine number	35
3.7	Push starting (pushing the vehicle to start)/towing	35
3.8	Reduced replacement intervals for spark plugs	36
4	Descriptions of works	41
4.1	Ball joints of the suspension arms, anti-roll bars and bearings: visually check for damages	42
4.2	Battery: manually check the firm seating of the pole bornes	43
4.3	Battery: check with battery tester (Always consult the Workshop Manual)	46
4.4	Tyres: check the state of the tread and its depth; register tread depth	46
4.5	Brake system and clutch fluid: renew	51
4.6	Brake system and shock absorbers: visually check for damages and leaks	55
4.7	Brake pad thickness and front and rear brake discs condition: check	56
4.8	Brake fluid level: check	61
4.9	Power transmission, axles: check constant velocity joints (internal and external), fastenings, play and also check for damaged or leaking boots	63
4.10	Internal and external body: perform a visual check for corrosion	63
4.11	Floor: visually inspect for damages to the floor protection, floor covering, piping system arrangement and placement of caps	63
4.12	Elastic Poly- V/ Poly- V belt: check condition	64
4.13	Elastic / Poly-V belt: replace	64
4.14	Camshaft toothed belt: check conditions	65
4.15	Camshafts' toothed belt and tensioning roller: replace	66
4.16	Coolant pump toothed belt: check conditions	67
4.17	Coolant pump toothed belt: replace	68
4.18	Engine coolant: check level and top off if necessary, adjusting the proportion of additive	69
4.19	Air filter: Clean the case and replace the filtering element	73
4.20	Multipurpose additive for petrol: add	78
4.21	Engine and engine compartment components (upper and lower areas): visually inspect for leaks and damages	79
4.22	Engine oil: replace	80
4.23	Engine oil - capacities and specifications	85
4.24	Test drive: perform	85
4.25	Windscreen/rear window washer: refill the reservoir	86
4.26	Windscreen/rear window washer system (when available): check operation and adjust the ejectors' water jet	87
4.27	Windscreen/rear window wipers (if fitted): check operation, adjust the blades' resting position and the sweep (except for Aerowischer)	89
4.28	Headlights adjustment: Check and adjust, if necessary	89
4.29	Interval service indicator: reset	90
4.30	Service intervals display: recode	91
4.31	Steering rod: check play, fastening and sealing bellows	91
4.32	Dust and pollen filter: check condition	92
4.33	Dust and pollen filter: replace	92



4.34	Shipping mode: deactivate	92
4.35	Transport securing devices (if existing): remove the fastening rings	92
4.36	Clock (if available): set correct time	94
4.37	Bed cover striker and dropside (Saveiro only): lubricate	96
4.38	Radio: activate anti-theft code: save local broadcasting networks in the memory buttons, according to the client's preference	96
4.39	Power steering: check reservoir oil level	96
4.40	External (front and rear) and internal lighting: check for proper operation	97
4.41	Fuel filter: replace	97
4.42	Spark plugs: replace	98
4.43	Automatic window closing (if available): program	101
4.44	Wheel fastening screws: retighten based on specified torque	102
5	Glossary	104
6	--- Change history ---	106