

Opel Astra Service Repaire Manual

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Opel Astra Service Repaire Manual Contains: Routine maintenance and servicing Air cleaner filter element renewal Automatic transmission fluid level check Automatic transmission fluid renewal Auxiliary drivebelt check and renewal Battery check Brake fluid renewal Brake pad, caliper and disc check Carburettor fuel inlet filter cleaning Clutch adjustment check Coolant renewal Driveshaft CV joint and gaiter check Electrical system check Engine oil and filter renewal Exhaust system check Fluid level checks Fuel filter renewal - fuel injection models Fuel pump filter cleaning - carburettor models Handbrake adjustment Headlamp aim check Hinge and lock lubrication Hose and fluid leak check Idle speed and mixture adjustments Ignition system check Introduction Manual transmission oil level check Rear brake shoe, wheel cylinder and drum check Rear wheel bearing adjustment Road test Roadwheel bolt tightness check Spark plug renewal Tyre checks Vauxhall Astra/Belmont maintenance schedule Wiper blade check OHV engine Ancillary components - removal and refitting Camshaft and tappets - removal and refitting Compression test - description and interpretation Crankshaft and main bearings - removal and refitting Crankshaft rear oil seal - removal and refitting Cylinder head - overhaul Cylinder head - removal and refitting Cylinder head and pistons - decarbonising Engine oil and filter - renewal Engine oil level check Engine - initial start-up after overhaul Engine - removal and refitting Engine components - examination and renovation Engine dismantling and reassembly - general Engine lubrication system - general description Engine/transmission mountings - removal and refitting Flywheel - removal and refitting General description General engine checks Oil pump - overhaul Oil pump - removal and refitting Operations possible with the engine in the car Operations requiring engine removal Pistons and connecting rods - removal and refitting Sump - removal and refitting Timing gear components - removal and refitting Valve clearances - adjustment OHC engines Ancillary components - removal and refitting Camshaft - removal and refitting Camshaft toothed belt - removal, refitting and adjustment Compression test - description and interpretation Crankshaft and main bearings - removal and refitting Crankshaft front oil seal - removal and refitting Crankshaft rear oil seal - removal and refitting Cylinder head - overhaul Cylinder head - removal and refitting Cylinder head and pistons - decarbonising Engine

oil and filter - renewal Engine oil level check Engine - initial start-up after overhaul Engine - removal and refitting Engine components - examination and renovation Engine dismantling and reassembly - general Engine lubrication and crankcase ventilation systems - general description Engine/transmission mountings - removal and refitting Flywheel - removal and refitting General description General engine checks Oil pressure regulator valve - removal and refitting Oil pump - overhaul Oil pump - removal and refitting Operations requiring engine removal Pistons and connecting rods - removal and refitting Sump - removal and refitting DOHC (16-valve) engine Ancillary components - removal and refitting Camshaft sprocket oil seals - renewal Camshaft toothed belt - removal and refitting Camshaft toothed belt tensioner and idler rollers - removal and refitting Camshafts - removal and refitting Compression test - description and interpretation Crankshaft and main bearings - removal and refitting Crankshaft front oil seal - renewal Crankshaft rear oil seal - renewal Cylinder head - overhaul Cylinder head - removal and refitting Engine oil and filter - renewal Engine oil level check Engine - initial start-up after overhaul Engine - removal and refitting Engine components - examination and renovation Engine dismantling and reassembly - general Engine/transmission mountings - removal and refitting Flywheel - removal and refitting General description General engine checks Oil cooler thermostatic - valve removal and refitting Oil pressure regulating valve - removal and refitting Oil pump - overhaul Oil pump - removal and refitting Operations requiring engine removal Pistons and connecting rods - dismantling and reassembly Pistons and connecting rods - removal and refitting Sump and oil baffle plate - removal and refitting Cooling, heating and ventilation systems Fuel and exhaust systems - carburettor models Fuel and exhaust systems - fuel-injected models Contact breaker ignition system Electronic (breakerless) ignition systems Braking system Suspension and steering Bodywork and fittings Body electrical system

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