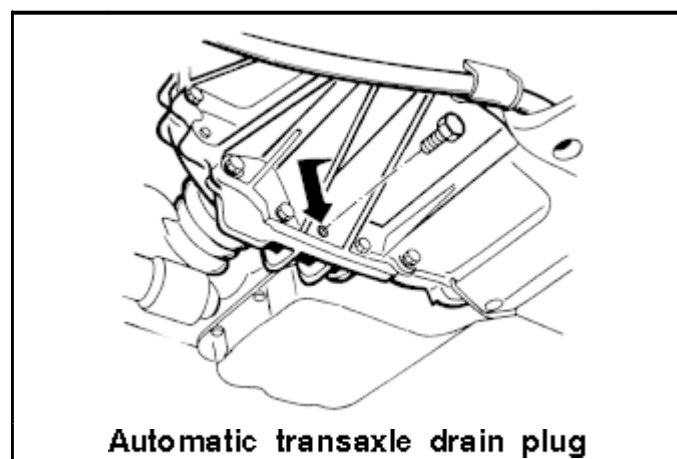
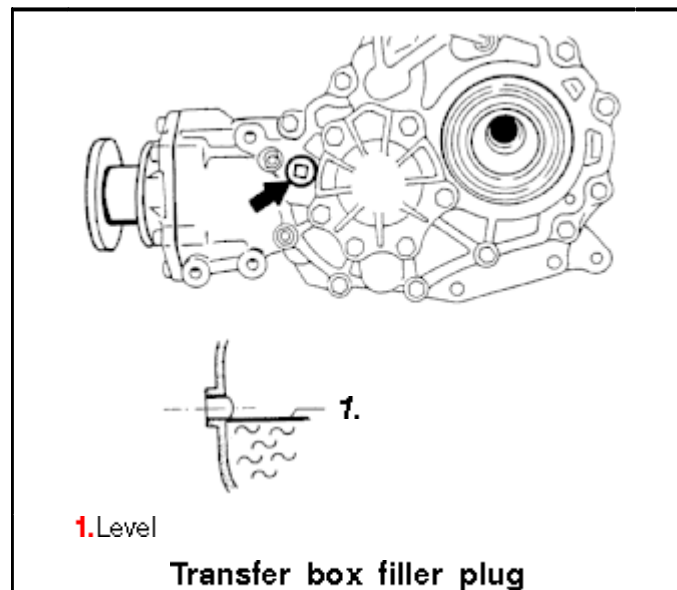
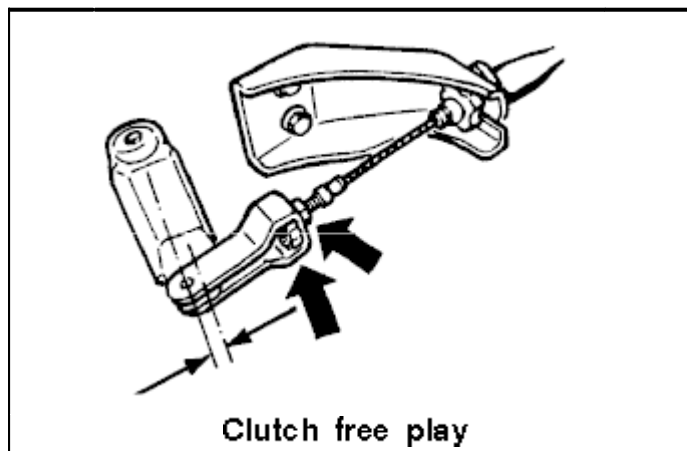
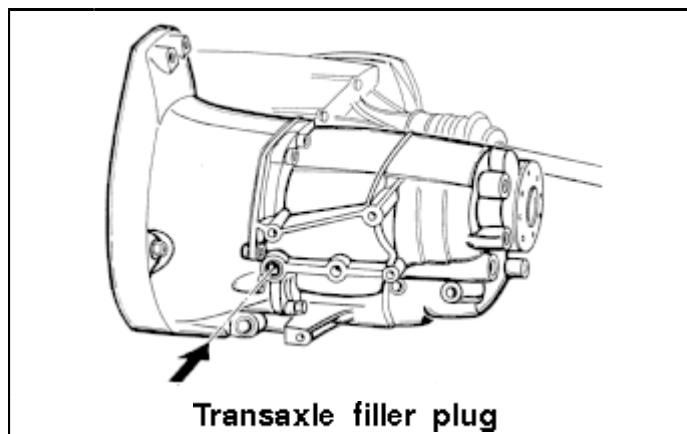
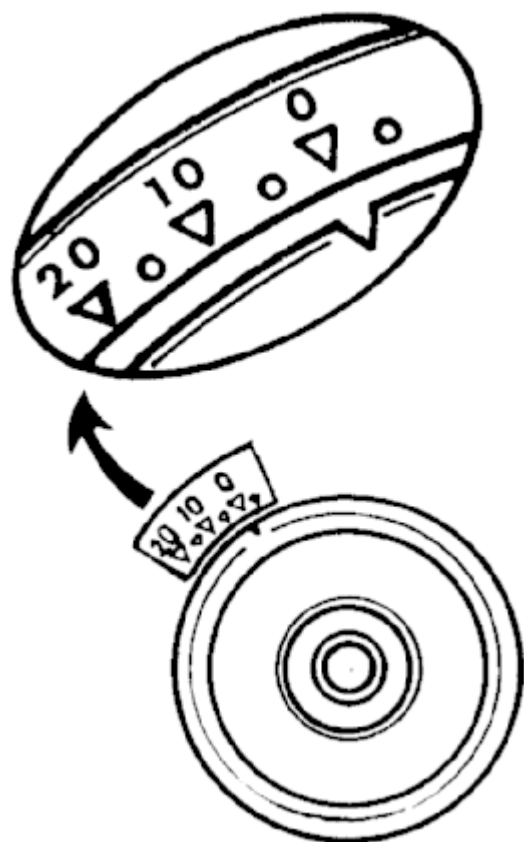


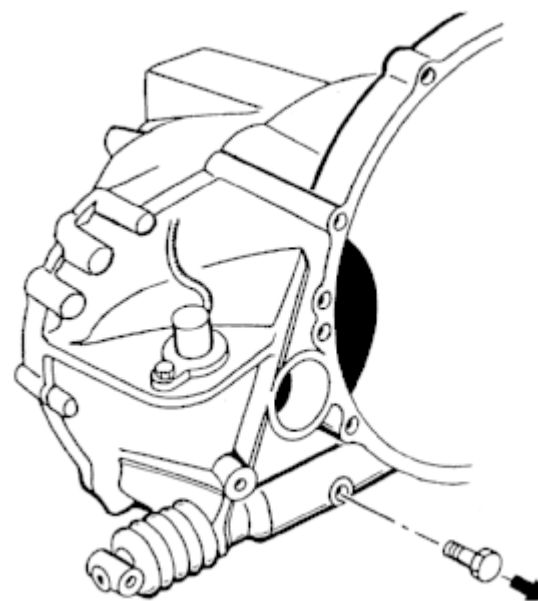
Maintenance

- Versions without catalytic converter or with unregulated catalytic converter





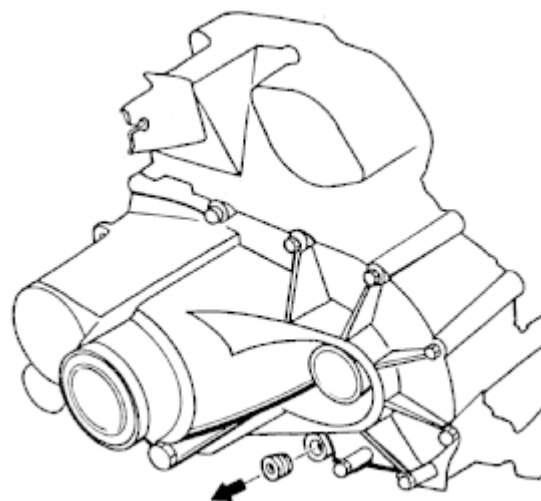
Ignition timing markings



RS5F50A

RS5F50V

Transaxle: oil change



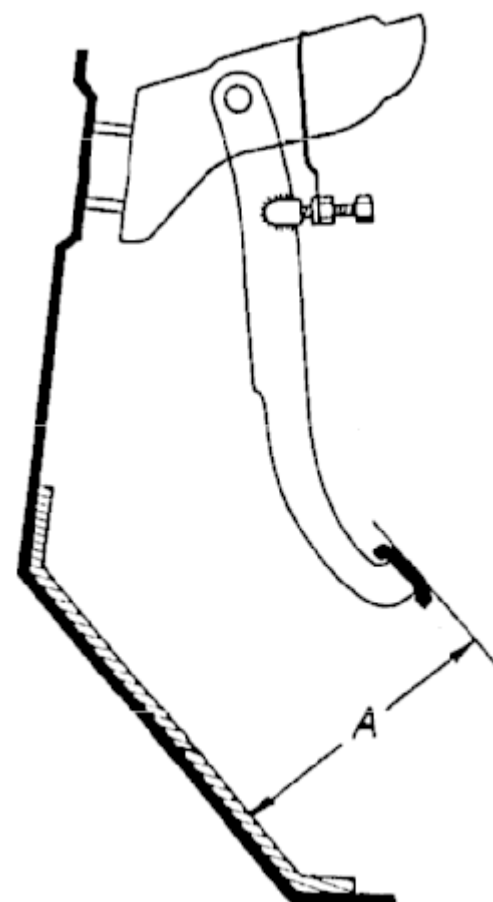
RN4F31A

RN4F30A

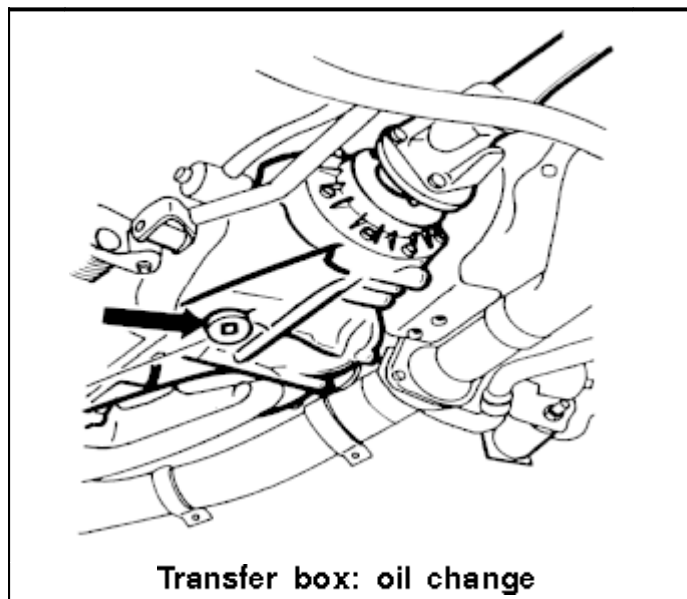
RS5F31A

RS5F30A

Transaxle: oil change



Clutch pedal height


Every 10.000 km / 6 months

- ☐ Engine sump: drain
- ☐ Oil filter: renew
- ☐ Transaxle: inspect for leaks
- ☐ Automatic transaxle: inspect for leaks
- ☐ Transfer box: inspect for leaks (4WD)
- ☐ Rear differential: check for leaks (4WD)
- ☐ Check condition of: suspension, shock absorbers, steering, exhaust, anticorrosion protection, etc. (leaks, wear, damage)
- ☐ Inspect the whole of the vehicle underside condition
- ☐ Front brake pads: clean, check, renew
- ☐ Tyres, including spare tyre: check condition, pressure and tread depth
- ☐ Wheel bolts/nuts: check, tighten (100-120 Nm)
- ☐ Engine sump: refill
- ☐ Power steering reservoir: check level, top-up if necessary
- ☐ Brake and clutch fluid reservoirs: check level, top-up if necessary
- ☐ Brake fluid level / parking brake warning lamp: check
- ☐ Poly-V-belt(s): inspect
- ☐ V-belt(s): inspect, renew, adjust
- ☐ Air filter: clean element and housing
- ☐ Cooling system: check, top-up, check anti freeze
- ☐ Battery: inspect mounting, top-up, clean terminals
- ☐ Windscreen wipers, washers: inspect, top-up reservoir(s)
- ☐ Lights/fuses/electrical system: check operation, renew if necessary
- ☐ Headlamp setting: check, adjust
- ☐ Safety belts and anchoring points: inspect
- ☐ Spark plugs: clean, set
- ☐ Idle speed: check, adjust
- ☐ Exhaust gas: check CO content

- ☐ GENERAL: after every service clean: steering wheel, control elements, door handles, windows; check rear view mirrors

Every 20.000 km / 1 year

- ☐ Engine sump: drain
- ☐ Oil filter: renew
- ☐ Transaxle: inspect for leaks
- ☐ Transaxle: top-up
- ☐ Automatic transaxle: inspect for leaks
- ☐ Transfer box: top-up (4WD)
- ☐ Rear differential: top-up
- ☐ Linkages/pivots: lubricate
- ☐ Check condition of: suspension, shock absorbers, steering, exhaust, anticorrosion protection, etc. (leaks, wear, damage)
- ☐ Inspect the whole of the vehicle underside condition
- ☐ Brake system/parking brake: check, adjust
- ☐ Brake servo: check
- ☐ Pads and linings: clean, check, renew
- ☐ Wheel bearings: check
- ☐ Tyres, including spare tyre: check condition, pressure and tread depth
- ☐ Wheel bolts/nuts: check, tighten (100-120 Nm)
- ☐ Wheel alignment: check, adjust if necessary (see ADJUSTMENT DATA: Wheel alignment)
- ☐ Engine sump: refill
- ☐ Automatic transaxle: check level, top-up if necessary
- ☐ Power steering reservoir: check level, top-up if necessary
- ☐ Brake and clutch fluid reservoirs: check level, top-up if necessary
- ☐ Brake fluid level / parking brake warning lamp: check
- ☐ Poly-V-belt(s): inspect
- ☐ V belt(s): inspect, renew, adjust
- ☐ Air filter: renew element, clean housing
- ☐ Pre-heater valve: check operation (warm/cold)
- ☐ Crankcase breather: check, service + check EGR system
- ☐ Fuel system: inspect and check choke operation
- ☐ Fuel filter: clean
- ☐ Cooling system: check, top-up, check anti freeze
- ☐ battery: inspect mounting, top-up, clean terminals
- ☐ Windscreen wiper, washers: inspect, top-up reservoir(s)
- ☐ Linkages/pivots: lubricate
- ☐ Hinges/locks/door catches: lubricate
- ☐ Lights/fuses/electrical system: check operation, renew if necessary
- ☐ Headlamp setting: check, adjust
- ☐ Safety belts and anchoring points: inspect
- ☐ Fuel/oil/water: inspect for leaks
- ☐ Valve clearance: check, adjust, except GA 16S and CA engines.
- ☐ Spark plugs: renew, set; check compression

- ☐ Ignition: check ignition timing, advance
- ☐ Idle speed: check, adjust
- ☐ Exhaust gas: check CO level
- ☐ Clutch, free play: check, adjust
- ☐ Clutch, pedal height: check, adjust
- ☐ Check on rolling road/road test
- ☐ GENERAL: after every service clean: steering wheel, control elements, door handles, windows; check rear view mirrors

Every 40.000 km / 2 years

- ☐ Transaxle: change, only under severe operating conditions
- ☐ Automatic transaxle: drain, only under severe operating conditions
- ☐ Transfer box: change, only under severe operating conditions (4WD)
- ☐ Rear differential: change, only under severe operating conditions (4WD)
- ☐ Linkages/pivots: lubricate
- ☐ Brake fluid: change (every 2 years)
- ☐ Wheel bearings: check; end float max. 0,05 mm

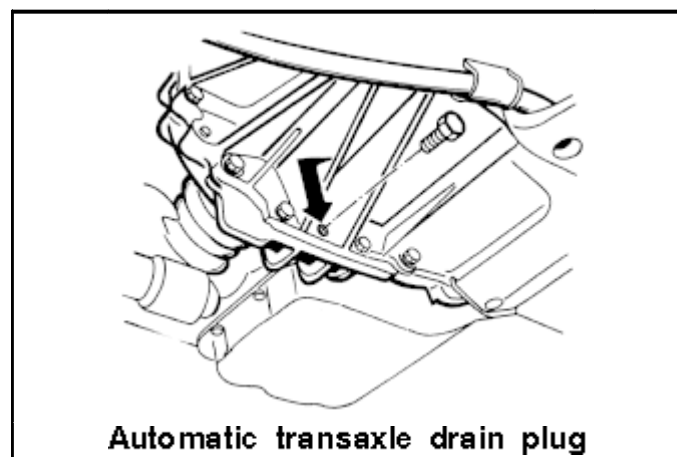
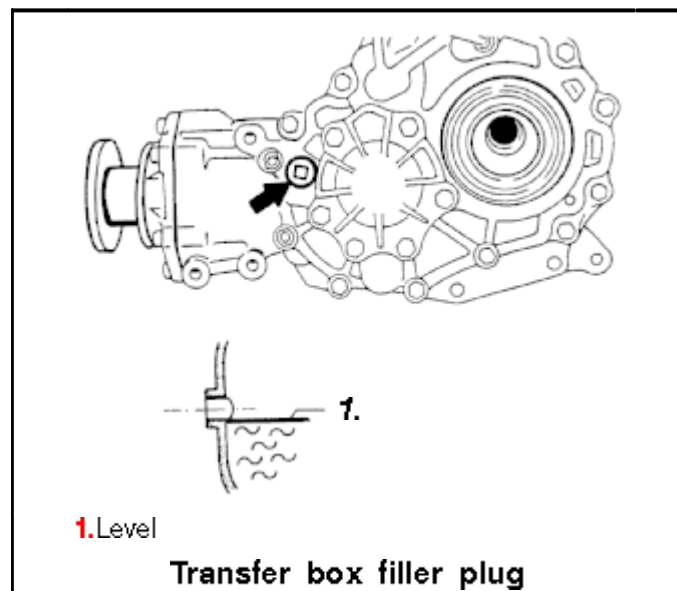
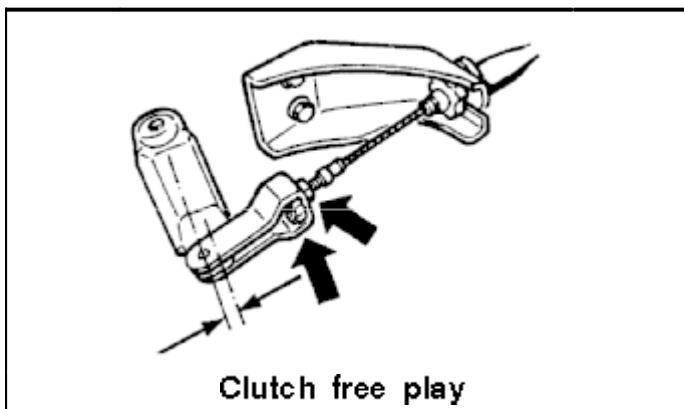
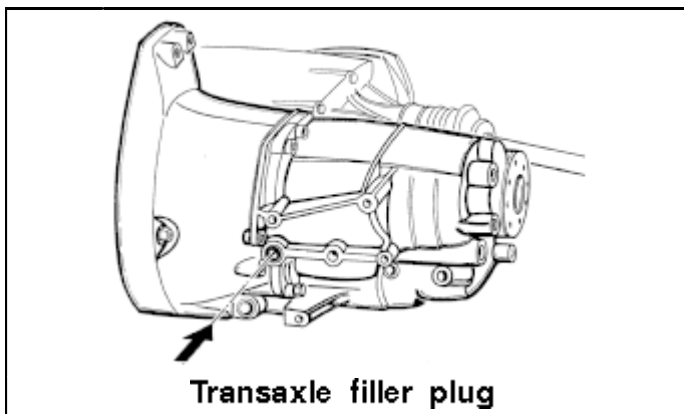
- ☐ Automatic transaxle: refill
- ☐ Fuel filter: renew
- ☐ Cooling system: drain, flush, refill (every 2 years)

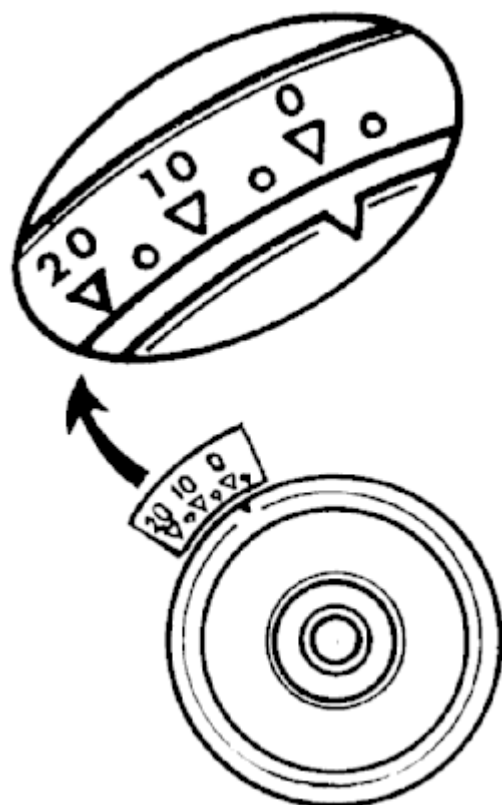
- ☐ Autom. transmission, brake bands: check, adjust; turn adjustment bolt to 4-5 Nm and then 2,5 turns back

Every 90.000 km / 3 years

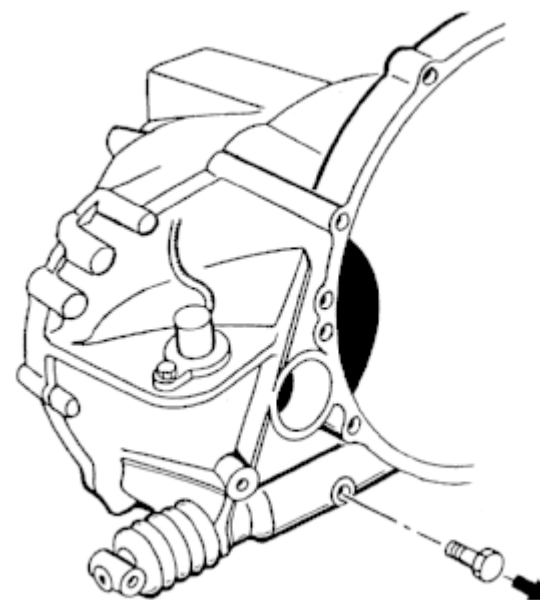
- ☐ Timing belt: renew; not on GA engines

– **Versions with controlled catalytic converter**

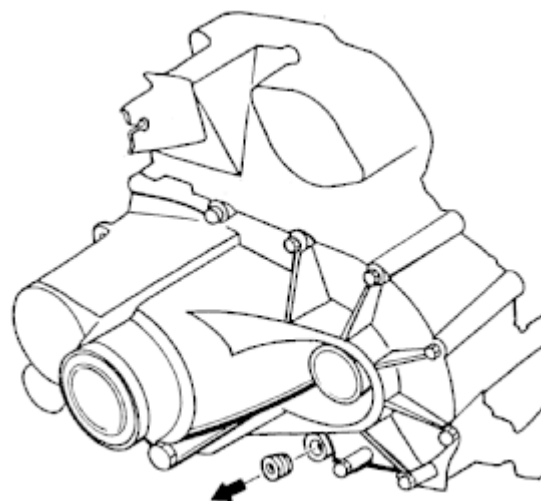




Ignition timing markings

RS5F50A
RS5F50V

Transaxle: oil change



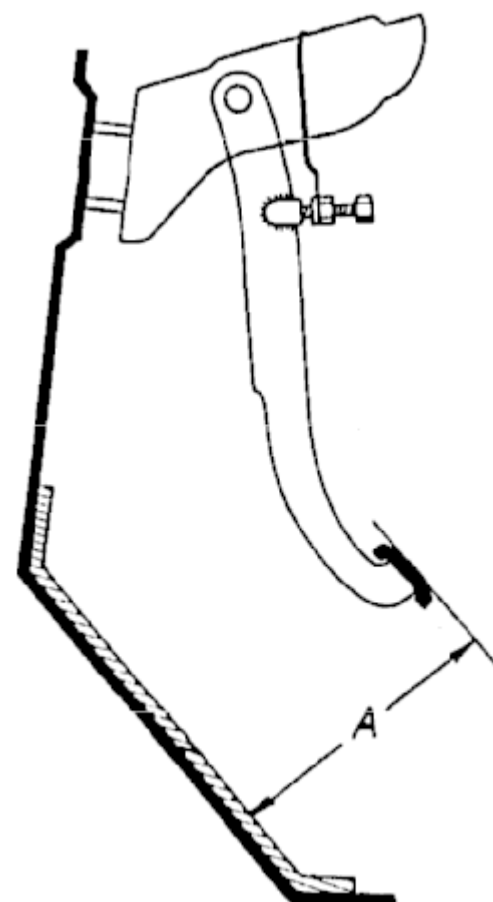
RN4F31A

RN4F30A

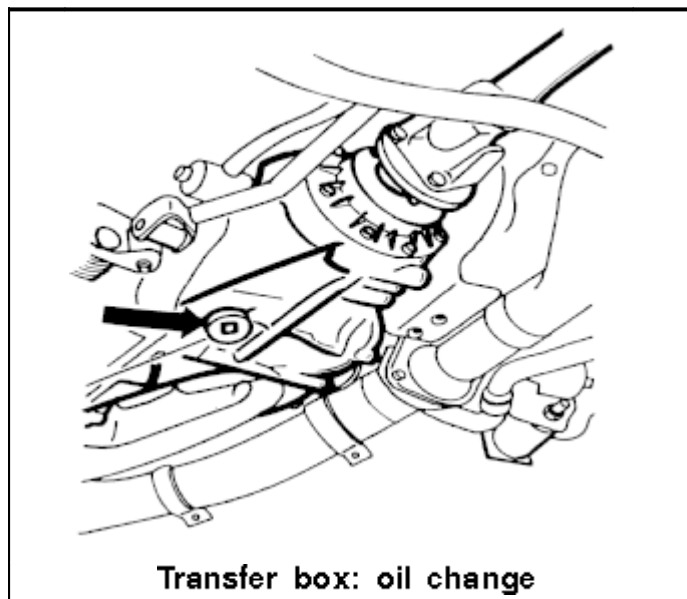
RS5F31A

RS5F30A

Transaxle: oil change



Clutch pedal height



Every 10.000 km / 6 months

- ☐ Engine sump: drain
- ☐ Oil filter: renew
- ☐ Transaxle: inspect for leaks
- ☐ Automatic transaxle: inspect for leaks
- ☐ Check condition of: suspension, shock absorbers, steering, exhaust, anticorrosion protection, etc. (leaks, wear, damage)
- ☐ Inspect the whole of the vehicle underside condition
- ☐ Front brake pads: clean, check, renew
- ☐ Tyres, including spare tyre: check condition, pressure and tread depth

- ☐ Wheel bolts/nuts: check, tighten (100-120 Nm)
- ☐ Engine sump: refill
- ☐ Power steering reservoir: check level, top-up if necessary
- ☐ Brake and clutch fluid reservoirs: check level, top-up if necessary
- ☐ Brake fluid level / parking brake warning lamp: check
- ☐ Poly-V-belt(s): inspect
- ☐ V belts(s): inspect, renew, adjust
- ☐ Air filter: clean element and housing
- ☐ Cooling system: check, top-up, check anti freeze
- ☐ Battery: inspect mounting, top-up, clean terminals
- ☐ Windscreen wipers, washers: inspect, top-up reservoir(s)
- ☐ Lights/fuses/electrical system: check operation, renew if necessary
- ☐ Headlamp setting: check, adjust
- ☐ Safety belts and anchoring points: inspect
- ☐ Exhaust gas: check CO level
- ☐ GENERAL: after every service clean: steering wheel, control elements, door handles, windows; check rear view mirrors

Every 20.000 km / 1 year

- ☐ Engine sump: drain
- ☐ Oil filter: renew
- ☐ Transaxle: inspect for leaks

- ☐ Transaxle: top-up
- ☐ Automatic transaxle: inspect for leaks
- ☐ Linkages/pivots: lubricate
- ☐ Check condition of: suspension, shock absorbers, steering, exhaust, anticorrosion protection, etc. (leaks, wear, damage)
- ☐ Inspect the whole of the vehicle underside condition
- ☐ Parking brake: check, adjust
- ☐ Brake servo: check
- ☐ Pads and linings: clean, check, renew
- ☐ Wheel bearings: check
- ☐ Tyres, including spare tyre: check condition, pressure and tread depth
- ☐ Wheel bolts/nuts: check, tighten (100-120 Nm)
- ☐ Wheel alignment: check, adjust if necessary (see ADJUSTMENT DATA: Wheel alignment)
- ☐ Engine sump: refill
- ☐ Automatic transaxle: check level, top-up if necessary
- ☐ Power steering reservoir: check level, top-up if necessary
- ☐ Brake and clutch fluid reservoirs: check level, top-up if necessary
- ☐ Brake fluid level / parking brake warning lamp: check
- ☐ Poly-V-belt(s): inspect
- ☐ V-belt(s): inspect, renew, adjust
- ☐ Air filter: renew element, clean housing
- ☐ Pre-heater valve: check operation (warm/cold)
- ☐ Engine oil and coolant level warning lamp: check operation
- ☐ Cooling system: inspect, top-up, check anti freeze
- ☐ Battery: inspect mounting, top-up, clean terminals
- ☐ Windscreen wipers, washers: inspect, top-up reservoir(s)
- ☐ Linkages/pivots: lubricate
- ☐ Hinges/locks/door catches: lubricate
- ☐ Lights/fuses/electrical system: check operation, renew if necessary
- ☐ Headlamp setting: check, adjust
- ☐ Safety belts and anchoring points: inspect
- ☐ Fuel/oil/water: inspect for leaks
- ☐ Spark plugs: renew, set; check compression
- ☐ Electronic ignition: check vacuum hose and sensors if necessary
- ☐ Ignition: check ignition timing, advance
- ☐ Idle speed: check, adjust
- ☐ Exhaust gas: check CO level
- ☐ Clutch, free play: check, adjust
- ☐ Clutch, pedal height: check, adjust
- ☐ Check on rolling road/road test
- ☐ GENERAL: after every service clean: steering wheel, control elements, door handles, windows; check rear view mirrors

Every 40.000 km / 2 years

- ☐ Transaxle: change, only under severe operating conditions
- ☐ Automatic transaxle: drain, only under severe operating conditions
- ☐ Transfer box: change, only under severe operating conditions (4WD)
- ☐ Linkages/pivots: lubricate
- ☐ Brake fluid: change (every 2 years)
- ☐ Wheel bearings: check; end float max. 0,05 mm

- ☐ Automatic transaxle: refill
- ☐ Crankcase breather: check, service; filter: renew
- ☐ Fuel system: Check oxygen sensor
- ☐ Fuel filter: renew. On injection engine, remove fuel pump fuse. Start engine. After stalling, start again 2 to 3 times to release pressure
- ☐ Cooling system: drain, flush, refill (every 2 years)

- ☐ Spark plugs: renew, set; check compression
- ☐ Autom. transmission, brake bands: check, adjust; turn adjustment bolt to 4-5 Nm and then 2,5 turns back

Every 90.000 km / 3 years

- ☐ Timing belt: renew; not on GA engines