

Oil Change Procedure for Lift
Rev 1-14-2016

Parts List

Oil tank oil filter	993-207-201-02
Oil tank & crankcase drain plug seal rings	900-123-118-30 (2)
Oil tank drain plug o-ring	999-701-269-40
Engine oil filter	993-107-203-03
Oil return tube o-rings	999-707-316-40 (2)
12 quarts oil	Brad Penn 20w50

Tools & Materials List

small torque wrench (Stahlwille 730/2 + 735/10 ratchet insert tool)
medium torque wrench (Stahlwille 730/10)
large torque wrench (Stahlwille 730/20 + 735/20 ratchet insert tool)
15mm insert ring tool (Stahlwille 732/10-15)
wheel nut security socket
paper towels
cloth rags
nitrile gloves
oil filter wrench (3-prong Sears Craftsman Universal)
oil filter wrench (Mann)
stubby phillips P2 screwdriver
13mm socket
large flat screwdriver
3/8" ratchet wrench
8" extension 3/8" drive
27mm socket
19mm socket
4" extension 1/2" drive
7mm flexible nut driver
3/8" breaker bar
1/2" breaker bar
10mm socket 3/8" drive
Awl & hook tool
Molykote 55 O-Ring Lubricant

Getting Started

Note Date & Mileage

Remove right hand side member panel

Loosen wheel nuts

Raise car

Remove right rear wheel

Remove right rear wheel front well liner piece revealing oil tank filter

Drain Oil Tank

Place oil drain tank

Remove oil tank drain plug and drain oil

Refit drain plug with new seal ring & rubber o-ring

Torque drain plug 50 Nm

Change Oil Tank Filter

Remove oil tank filter

Lubricate new oil filter seal with Molykote 55 and refit hand tight, then torque 20 Nm

Drain Crankcase

Remove transmission under-tray

Remove left hand side ventilation door

Place oil drain tank

Remove engine drain plug and drain oil

Refit drain plug with new seal ring

Torque drain plug 50 Nm

Refit left hand side ventilation door

Drain Oil Return Tube

Remove right hand side orange ventilation hose and door

Remove oil return tube bolt

Place oil drain tank

Remove oil return tube and drain oil

Move on to changing engine oil filter before refitting the oil return tube

Change Engine Oil Filter

Remove small oil filter

Lubricate new oil filter seal with Molykote 55 and refit, hand tight, then torque 20 Nm

Install new o-rings on oil return tube

Refit oil return tube and bolt

Refit right hand side orange ventilation hose and door

Refill With Oil

Pour in 8 quarts of oil

Start engine and check for leaks

While running add 2-1/2 quarts more oil

Level on dipstick should measure halfway when hot.

The oil level gauge should be at 3 o'clock when oil temperature is at 9 o'clock.

Finish Up

Shut down engine

Refit wheel well liner

Refit right rear wheel

Refit transmission under-tray

Lower the car

Refit side member panel

Torque wheel nuts 130 Nm

Road test and check oil level again.

Update log