

1 ROAMERDRIVE MODEL SS

GLOBAL ROAMER CORPORATION
3396 Marine Drive, West Vancouver V7V 1M9
CANADA
Tel 604 925 1260
info@roamerdrive.com



APPLICATION INFORMATION

Thank you for buying a ROAMERDRIVE model SS. This overdrive will fit Land Rover Series models with four cylinder engines. With minor linkage modification it will fit Series models with six cylinder engines and early 90 and 110 models with four cylinder engines.

The SS overdrive will not fit any Land Rover models with eight cylinder engines.

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REMOVING FILLER PLUG and DRAINING THE USED OIL



Remove the centre front seat in the Land Rover and take out the access panel above the transfer case. Remove the filler plug from the aft side of the transfer case and drain the oil by removing the brass plug in the bottom. If you have any leaks in the bottom cover plate repair the leaks before installing the ROAMERDRIVE. (See 19)

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TOOLS AND LUBRICANT REQUIRED

Check the contents of the box against the parts list and organise some tools. You will need a 1/2" torque wrench, sockets, flat spanners, a 2" (50mm) hole saw, an electric drill, a small funnel and a Land Rover starting handle. Three litres of 75-90 oil are required (See attached oils list)

WARNING

DO NOT USE API GL5 or GL4-5 HYPOID OIL!
Oils rated GL5 are manufactured to function in modern differentials and may contain additives that will corrode bronze components in the overdrive and transfer case.

To clarify information, some of the illustrations in these instructions are of a unit being installed on a gearbox not fitted to a vehicle.
Please read complete instructions before starting work.

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INSTALLING DIP STICK ELBOW.



Start by installing the dipstick bushing and elbow. Separate the dipstick tube from the brass elbow and screw the elbow into the filler plug orifice using a sealer such as 'Permatex'. Stop when the elbow is tight and pointing up towards the lay shaft immediately above it.