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## USING YOUR OVERDRIVE

When the lever is positioned aft the ROAMERDRIVE is disengaged. To engage the unit depress the clutch and move the lever forward. To disengage the unit depress the clutch and move the lever aft. Do not move the lever without depressing the clutch.

The ROAMERDRIVE is most useful for highway driving in fourth gear at over 50 mph (80 kph). The overdrive drops engine RPM by 28% under motorway conditions. It can also be employed in any other gear and is often used in third gear as it provides a splitter gear on long hills with a ratio between normal third and normal fourth.

This contributes to improved fuel consumption, less wear and tear on the drive train and a significant reduction of noise in the cab of the Land Rover. Conversation is possible at high speed!

The unit can also be engaged in low range and this can be useful in desert conditions to gain momentum between sand dunes without having to shift to high range.

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## A USEFUL ACCESSORY

The black steel sump covers used on the Series Land Rover transfer case often leak due to differential expansion between the steel of the cover and the aluminum body of the transfer case.

To solve this problem we supply a new billet cast aluminum cover stiffened with cooling fins that replaces the steel cover.

The kit includes mounting screws and a new gasket. This product completely eliminates leaks as it expands and contracts at the same rate as the transfer case. The cover also improves oil cooling which is very useful in tropical areas or where higher horsepower engines are used.

The part can be ordered from any Global Roamer dealer or direct from the factory. The cover kit part number is SX-COV. A new brass plug and copper washer kit can also be ordered. Part number is SX-COV-PLUG.



PART SX-COV

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## MAINTENANCE

Change the transfer case oil after the first 4000 Km. Check for overdrive and transfer case leaks. Check torque on mounting bolts.

This is a very user friendly product. The internal syncromesh components (the only parts subject to long term wear) are standard Land Rover spare parts available anywhere. All ball bearings are common industrial types. Nearly 3000 ROAMERDRIVES are in use and very few have ever required service.

Many ROAMERDRIVES are used in expedition service and we are often asked what spares should be carried. Our answer is 'none' other than an 'O' ring and gasket kit. Prudence suggests you also carry your original output gear, cover and hardware to fit should the need arise.

Two things that can seriously damage this overdrive are running it with insufficient oil in the transfer case and using API GL5 or API GL4-5 hypoid axle oil instead of the required API 75-90 GL4 MTF oil.

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## WARRANTY

If you have a late model Series III (With Metric fastenings) you must order SX-COV-PLUG with SX-COV as your existing plug will not fit the cover.

Your GLOBAL ROAMER OVERDRIVE is warranted for one year from date of purchase. Please retain your proof of purchase for warranty purposes.

We will repair or replace (at our discretion) any overdrive that malfunctions during the warranty period. The warranty does not cover the costs of transporting the overdrive nor does it cover any other costs incurred relating to the installation.

Note that the warranty will be invalid if the overdrive is damaged by overheating when installed on a non-standard engine. We will also not warrant an overdrive that has been returned to us with damage caused by use with insufficient or improper oil.

In the event of a warranty claim you must contact us to state your claim. Quote overdrive serial number in correspondence. We will issue you with a claim number to enable you to return the unit. We will not accept overdrive units shipped without prior authorization.