

PROBLEMS & REMEDIES:

DIFFICULT TO PUSH HANDLE UP & DOWN:

(a) After raising the antenna always "back off" the crank handle in the opposite direction about half a turn before pushing up to the rotate position.

(b) It is very important that there is no sideways pressure on the shaft when the ceiling plate (10302) is fitted. To check this raise antenna, remove the ceiling plate and refit crank handle. The shaft should move up and down with little effort. Before refitting ceiling plate, enlarge the ceiling hole so that the plate will fit flush to ceiling without putting any stress on the shaft. Also check that glass fiber insulation is not fouling the shaft,

(c) The shaft may have been cut during installation thus preventing up and down movement. The only remedy is to replace the shaft. Remove pin (80405) which passes through the slot in top of worm (10300). Shaft (12927) may then be withdrawn downward after removing the ceiling plate (10302). The new shaft should be checked for "burrs" and coated with silicone grease before fitting. Use a twisting motion when inserting the new shaft to avoid damage to the O-ring (80903) positioned just below the worm (10300)

DIFFICULT TO ROTATE:

(a) If the coax cable is too short (less than 48") it may prevent full rotation, or if too long the loop may catch on some other roof top device such as a vent.

(b) The antenna may have been installed too close to a vent or air conditioner with insufficient clearance for the base to rotate fully.

ANTENNA WILL NOT RAISE (SEE FIG.1):

Usually caused by a stripped worm gear (10294) and/or worm (10300). Gears are usually damaged by (1) trying to raise the antenna by turning the crank in the wrong direction. (2) With the antenna raised a heavy blow on the antenna head from a tree limb will strip either or both gears. For this reason we do advise against driving with the antenna in the raised positions. A new worm gear (10294) is easily replaced after removing the gear cover (12662) and withdrawing the drive axle (12394). The worm (10300) may be replaced by removing pin (80405) at top of worm and then partly withdrawing the shaft (12927) downwards until it is clear of the worm. Damaged worm may then be removed and replaced - caution - do not lose the worm washer (80233) which is positioned just below the worm. All of the above work may be carried out without removing the unit from the vehicle. However, any damage to the base (12928) or plate (12660) will require removal from the roof.

RECEPTION:

Due to the various locations used by recreational vehicles, reception will not be so consistent as at a fixed location because of the large variation in the terrain encountered throughout the country. In general TV/FM signals (particularly UHF) travel roughly in a straight line so hills or mountains etc; between your vehicle and the transmitting station may severely reduce the amount of signal reaching your antenna.

MAINTENANCE:

All exposed moving parts should be lubricated every 3 months using a spray lubricant similar to WD40 or a silicone spray. Every year, lift the gear cover with antenna raised and check the grease. Replace it necessary using our "Super Lube" or similar grease. When replacing cover see that the side closures (111078) are inside the sides of the cover.