

ANDHRA PRADESH STATE ROAD TRANSPORT CORPORATION

No. OP2/462(5)/2001

Office of the VC & MD
Mushirabad, Hyderabad-20.
Date: 18-05-2001

CIRCULAR No. 13/2001-MED, DT. 18-05-2001

SUB. :-- MAINTENANCE - Maintenance of Z F Power Steering System and stocking of required spares - Reg.

REF. :-- Lr. No. OP2/255(3)/97-MED, Dt. 03-04-1997.

The Power steering system of ZF make is increasing year after year and there are about 1200 Vehicles in operation with ZF Power Steering System as on the day in both Leyland and Telco areas.

Vide Letter cited at reference. Instructions were issued on maintenance of ZF power Steering System and list of spares to be stocked at Depots and Workshops.

In the recent inspection of Depots by the Service Engineer of ZF Power Steering, it is revealed that many of the Depots are not paying proper attention resulting damage to the Power Steering System. At some Depots the spares required for Power Steering are not stocked adequately.

As per CMVR power steering is mandatory on heavy Vehicles. We are procuring both Leyland and Telco chassis fitted with either Rane or ZF make Power Steering System.

WORKING SYSTEM AND FEATURES OF ZF POWER STEERING SYSTEM :

The Steering System of ZF make presently supplied along with Vehicles of Leyland and Telco are identical in all aspects except Vane Pump. The Vane pump fitted on Leyland Hino Engine and Telco 697 Engine Vehicle is of same type except the type of drive. In Leyland HINO. the drive is gear driven and in Telco 1510 697 Engine, the drive is through a belt. But the Vane Pump fitted on 1512 TC Engine is different from that of 697 Engine of Telco and Hino Engine of Leyland. The difference between the Vane pump fitted on 1512 TC Engine and 1510 697 Engine of ZF make is furnished below.

1510 model 697 Engine

Body of vane pump is made of cast from

The vane pump is belt driven.

1512 TC Engine

Body of vane pump is made of aluminum.

The drive of vane pump is of tong coupling driven with Air Compressor.

All Executive Directors and Controller of Stores are requested to issue necessary instructions to the Depot Managers ensure stocking of required spares at the Depots for ZF power steering system and also ensure proper attention on the maintenance of ZF Power Steering System.

Please acknowledge the receipt of the Circular.

Sd/-
EXECUTIVE DIRECTOR (E)

