



TechTips

BULLETIN NO. ST-85-2U
JANUARY 11, 1985

ANTI-SKID BRAKING SYSTEM (ABS)

Ford Motor Company's Lincoln Mercury Division has introduced a four wheel skid control brake system for 1985.

The models equipped with the anti-skid braking system are as follows:

- 1985 Continental Designer Series
- 1985 Mark VII L.S.C.
- 1985 Mark VII Designer Series
- 1985 All V-8 Continentals being sold in Alaska, Hawaii, Oregon and Washington
- 1985 All Mark VII models being sold in Alaska, Hawaii, Oregon and Washington

The four wheel anti-lock brake system for Mark VII and Continental is a new compact integral power brake system which uses brake fluid for both the braking function and the hydraulic boost to the brake system. The main component parts of the system include:

Master Cylinder & Hydraulic Booster
Electric Pump & Accumulator
Valve Body Assembly
Electronic Digital Computer
Reservoir
(4) Wheel Sensors

The idea behind ABS is to prevent overbraking, especially in panic stops. There is actually no skidding or loss of ability to steer the vehicle, regardless of the road surface. An average driver can stop in a shorter distance with ABS than a trained driver in a standard brake system.