



Technical Service Bulletin

TB15	Affected Models:	1993-97 Aerostar, Bronco, Explorer, F-150/250/350, F-47, Ranger
	Problem:	Soft pedal or failure to release caused by air in the hydraulic system
	Solution:	New bleeding procedures
	Ref. Bulletin:	Ford Article 93-12-19

The clutch hydraulic system for the 1993 model year is new and more difficult to bleed than the previous hydraulic system. Therefore, a different bleeding procedure is required for these vehicles.

The compact vehicles' master cylinder is mounted in a downward angle which makes it difficult for air to escape up into the reservoir. Therefore, removing the master cylinder is required for proper bleeding. The Ford bulletin provides corrections for Service Manual procedures for bleeding the systems on the full-size vehicles with either concentric or external slave cylinders.