



Temp Products

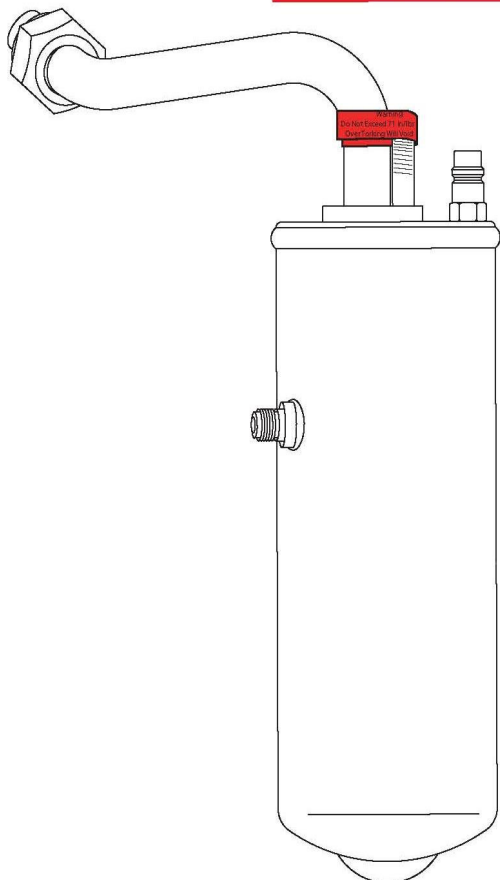
DATE: November 19, 2009 **BB #:** *NN06-xx*
TO: *All NAPA Temp Sales Personnel & Customers*
FROM: *Robert Roenfeldt*
SUBJECT: *Technical Bulletin – Drier/Accumulator Stud Torque Specifications*

It has been brought to our attention that some customers are experiencing failures of the stud where the suction line is held to the accumulator/drier with a nut and stud configuration on some Ford applications. In response to this situation, we have conducted tests on the hardness of the stud using a Rockwell Hardness testing machine. We found that the studs were well within the tolerances found on the Ford OE accumulator. Due to our findings we have concluded that the studs were being over torqued at installation and therefore causing the reported failure.

Listed below are the torque specifications for accumulator/driers offered with a stud nut configuration and the new warning label that will be adhered to the studs for the corresponding part numbers. This new label will be added as a running change. Please keep this bulletin as a reference for current inventory. The Rockwell C-Scale hardness test results are available upon request by emailing us at 4smarketing@4s.com

Warning
 Do Not Exceed 71 in/lbs Torque
 Over-Torquing Will Void Warranty

Warning Label on Stud



- Warning Label:
1. Apply label to both sides of stud (glue side to threads)
 2. If part has more than one stud apply label to all studs

P.N.	Application	Accu / Drier Line Torque Spec
408601	Hyundai Accent 97-95	52 in/lbs
408602	Hyundai Elantra 97-96	52 in/lbs
218100	Ford Freestyle	71 in/lbs
408577	Ford Windstar	71 in/lbs
408513	Ford T-bird Lincoln LS 05-00	71 in/lbs
408904	Ford Super Duty P.U. 05-99	71 in/lbs
408906	Chev/GMC Lt. Trucks	145 in/lbs
408951	Ford Explorer/Mercury Mountaineer	71 in/lbs
408401	Jeep Liberty 03-02	80 in/lbs
408699	PT Cruiser 03-01	80 in/lbs
208716	Dodge Dakota 07-05	181 in/lbs
408017	Dodge Dakota 04-02	230 in/lbs
218928	Kia Sedona 05-02	52 in/lbs
408622	Trailblazer-Bravada-Ascender	145 in/lbs
208450	Chevrolet Avalanche 07-06	145 in/lbs
408954	Jeep Grand Cherokee/Comander 5.7L	181 in/lbs
408907	Chevrolet /GMC Yukon-Tahoe 02-00	145 in/lbs