

FIAT SERVICE LETTER

Superseded by 501-20 10/9/79

SUBJECT: AIR CONDITIONING BELT
VEHICLES: 1979 STRADA AND X1/9 MODELS

THIS LETTER SUPERSEDES SERVICE LETTER NO. 501-17, DATED 7/17/79

CONDITION: Slipping of the air conditioning compressor belt
CAUSE: Insufficient wrap of the belt on the compressor pulley
CORRECTION: A modification kit to correct this condition has been made available. This kit contains an idler pulley, mounting eccentric, relevant mounting hardware, and a new compressor belt. The idler pulley is installed on the lower mounting bracket of the compressor to insure sufficient belt contact with air conditioning pulley, and adjustment of the new belt. Installation instructions are attached.

SERVICE INFORMATION: Until further notice, the idler pulley modification kit must be installed on all vehicles equipped with air conditioning presently in your inventory or brought into your dealership for service or repairs.

WARRANTY INFORMATION: Parts and labor expended in performing this modification may be submitted on a regular warranty claim. The operation number and time allowance are listed below.

Description	Operation No.	Time Allowance
Installation of A/C Kit No. 4415	900-50-02	0.4 hrs. (Strada) 0.5 hrs. (X1/9)

PARTS INFORMATION

Description	Part No.	Dlr. Net Price
A/C Idler Pulley Kit	4415	\$12.35

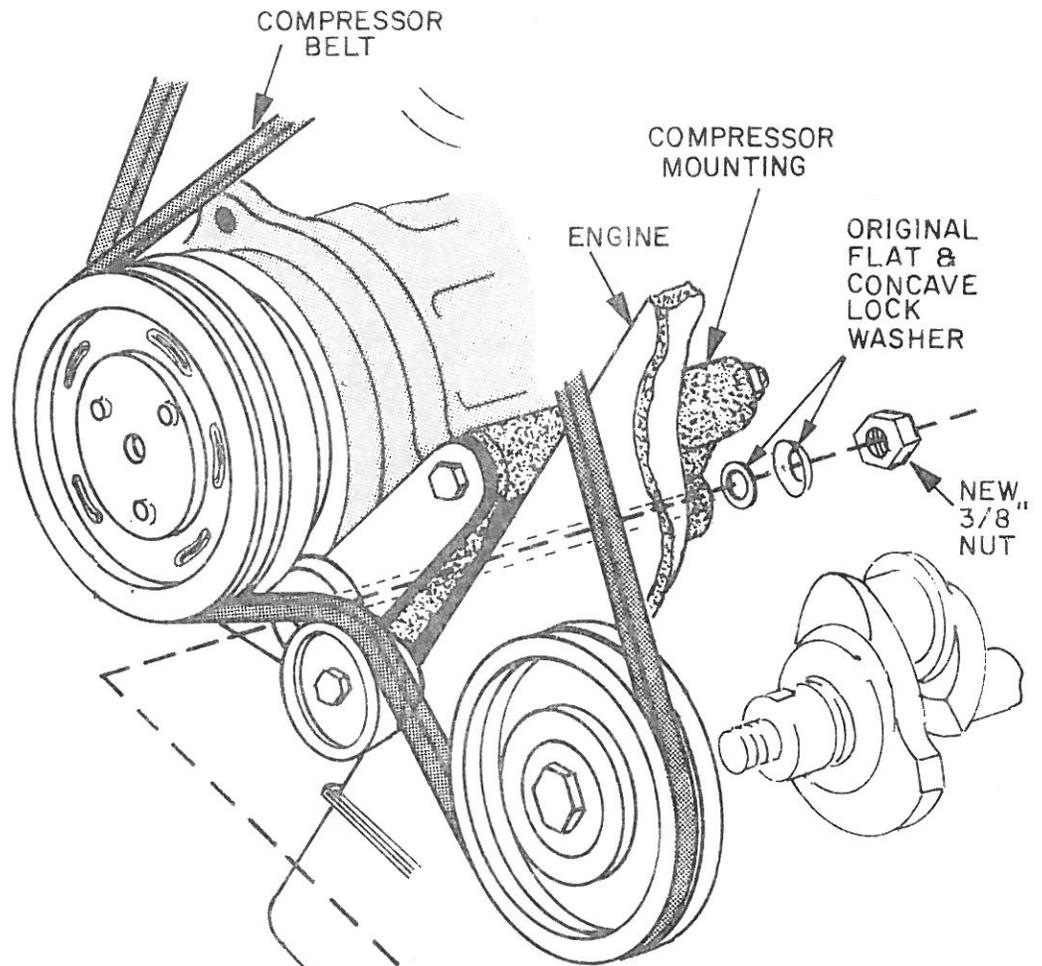
READ, INITIAL AND PASS ON

Service Manager	Parts Manager	Service Writer	Technician				

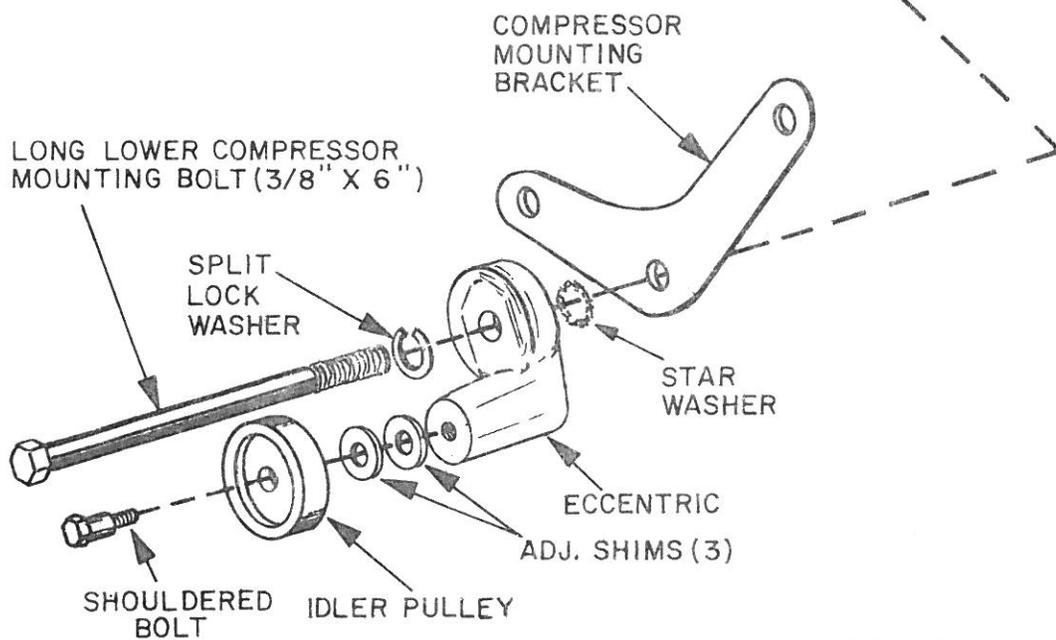
A/C BELT IDLER KIT (#4415)

1. Raise Vehicle.
2. Remove right side splash shield.
3. Cut and remove compressor belt.
4. Remove the long-lower-compressor-mounting bolt. Retain original flat washer and concave lock washer.
5. Install new belt (Gates #7375).
6. Install idler pulley on eccentric, using shouldered bolt and one adjustment shim between pulley and eccentric.
7. Install 3/8" split lock washer on the new 3/8" x 6" bolt. Pass bolt through eccentric, then place the star-lock-washer on bolt.
8. Install eccentric assembly on lower compressor-mounting-bracket. Place original flat washer and concave lock washer and new 3/8" nut on bolt. Tighten nut to point where all play is removed.
9. Adjust eccentric up against belt, making sure belt is riding fully on the idler pulley, if not, add or subtract shim washers to achieve proper pulley alignment.
10. Adjust eccentric until normal belt tension is achieved. Tighten 3/8" bolt securely.
11. Start engine and run it for a few minutes, then recheck belt alignment and tension.
12. Reinstall splash shield and lower vehicle.

NOTE: Check A/C system for proper charge, an overcharge condition could cause an excessive load on the belt.



A-402



AC BELT MODIFICATION KIT
PART NO. 4415