

DART Engine Fan Pulley Campaign and Jumper Wire

CUMMINS



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Property name and Top bus number: DART 304500

Issue: Accessory drive pulley breaking

Reason/ cause: Pulley made of too light of material for 280 amp alternator

Solution: Replace both alternator pulley, accessory pulley and mounting bolts



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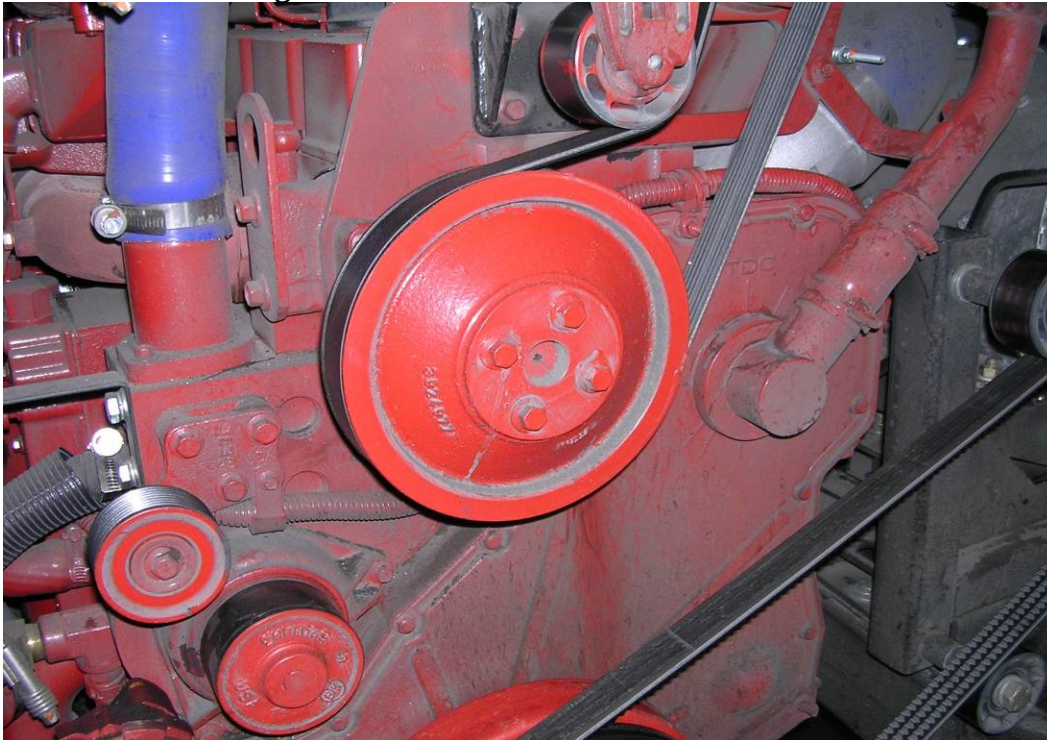
Number of buses affected: All DART NABI

Estimate repair hours/bus: 2.2

Necessary parts:	Description	Part #	Quantity per bus
	Accessory drive pulley	5289411	1/per bus
	Alternator pulley	5280159	1/per bus
	Mounting bolts	3925437	4/per bus
	Jumper wire	5299062	1/ per bus

Necessary tools: Basic hand tools.

1. Park the bus and apply the parking brake.
2. Turn off main battery disconnect switch(es)
3. Remove belt guard.
4. Remove mounting bolts.
5. Remove the belts.
6. Remove both pulleys.
7. Install both new pulleys.
8. Install the 4 new mounting bolts.
9. Install the belts.
10. Torque the four new mounting bolts to 42 foot pounds.
11. Install the generator belt.
12. Install the rear belt guard.





13. To add the jumper wire. Remove the rear engine compartment hatch located in the inside off the bus under the rear seat.



14. Remove the ignition control moduel harnness.
15. Remove the two plug cavaty seals from pin 3 and 7.
16. Install the jumper harnness in pin 3 and 7.
17. Install the harnness back on the ignition control module.
18. Install the hatch.
19. Check for completeness of work.
20. Remove all tools from working area.
21. Turn the main battery disconnect switch(es) on.
22. Start the bus and make sure everything is aligned and the bus runs ok.