



Service Repair Manual

Models

637D WHEEL SCRAPER

Product: WHEEL SCRAPER

Model: 637D WHEEL SCRAPER 23W

Configuration: 637D SCRAPERS 23W01044-UP (MACHINE) POWERED BY 3306 ENGINE

Disassembly and Assembly

SCROLL FUEL SYSTEM FOR 3306 DIRECT INJECTION VEHICULAR ENGINE

Media Number -SEN2066-00

Publication Date -01/12/1979

Date Updated -18/07/2003

SEN20660004

Governor

SMCS - 1264-15; 1264-16

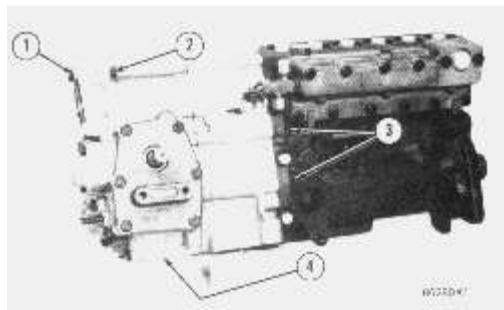
Disassemble Governor

	Tools Needed	A	B	C
1P510	Driver Group	1		
6V2163	Clamp Assembly-Spring Compressor		1	
1P1855	Snap Ring Pliers			1

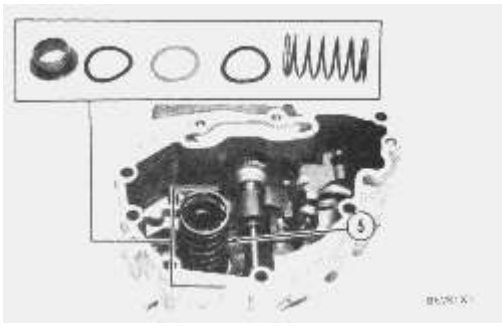
start by:

- a) remove fuel injection pump housing and governor
- b) remove fuel transfer pump

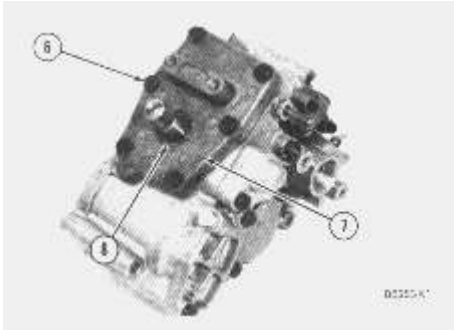
NOTE: If it is desired to only remove the governor so the fuel injection pump housing can be disassembled, do only Steps 1, 13, 19, 23-26, 29, 31, 32 and 35.



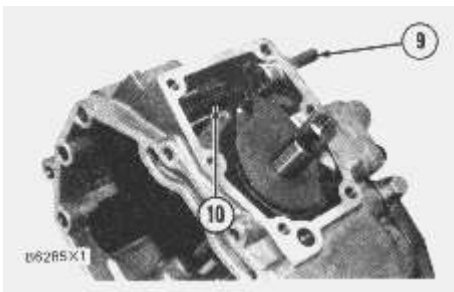
1. Remove bolt (1), six bolts (2), two top bolts (3), housing (4) and the gasket.



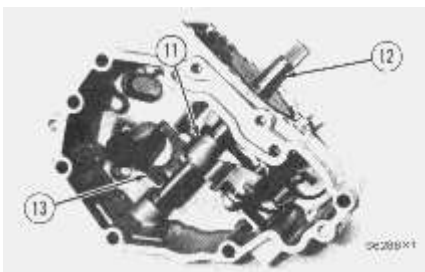
2. Remove governor spring (5), the two wave washers, one flat washer and seat from the guide in the housing.



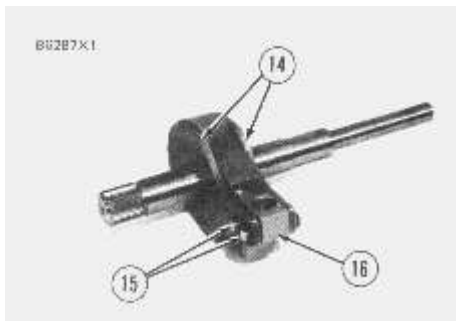
3. Remove bolts (6), cover (7) and the gasket from the housing. Use tooling (A) to remove seal (8) from the cover.



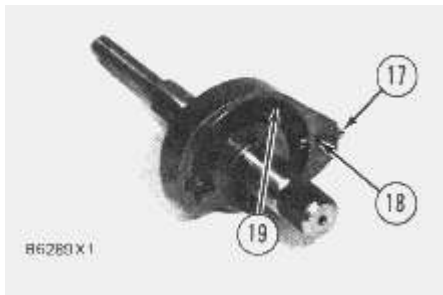
4. Remove low idle adjustment screw (9) and spring (10) from the housing.



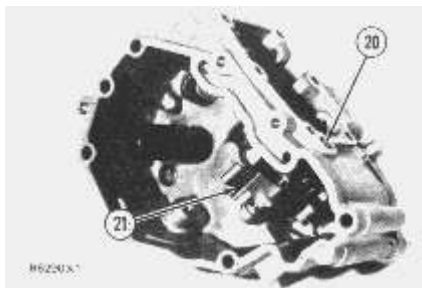
5. Remove shaft assembly (12), lever (11) and lever (13) from the housing.



6. Remove two snap rings from pins (15) and remove pins (15). Remove plates (14) and stop (16) from the shaft assembly.



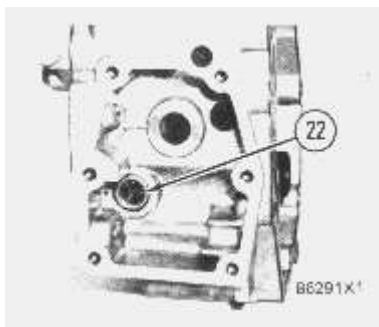
7. Remove pin (18), pin (17) and spring (19) from the shaft assembly.



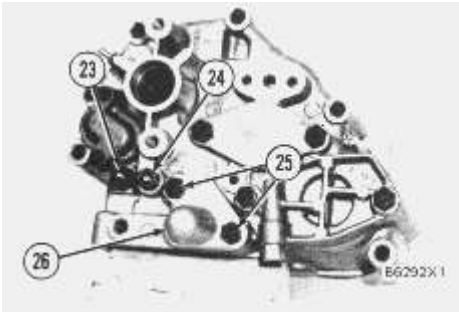
8. Remove shaft (20) and lever (21) from the housing.

NOTICE

Remove check valve (22) only if a replacement is necessary because the check valve will be damaged during removal.

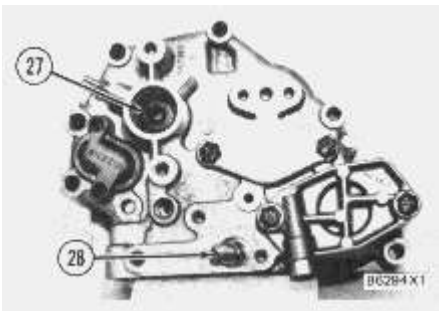


9. Remove check valve (22) if a replacement is necessary.

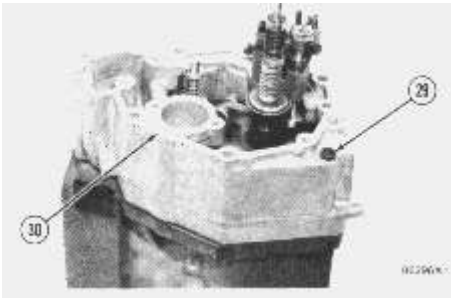


10. Remove contact (23) and body (24) for the governor dashpot adjustment screw from the housing.

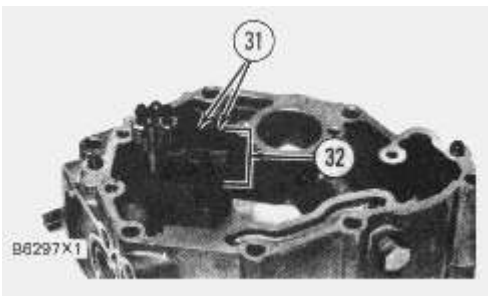
11. Remove bolts (25), cover (26) and the gasket from the housing.



12. Remove seal (27) and adjustment screw (28) for the high idle.



13. Remove two bolts (29), housing (30) and the gasket from the fuel injection pump housing.



14. Remove bolts (31) and torque control group (32).

15. Disassemble the torque control group and inspect the spacer, spring and insulator for damage or wear.

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