

**(Section 5 – continued from previous page)**

No body part or chassis-mounted component may be located within 2.0 in. of brake hose routing in all wheel and axle positions. All exhaust system components must also have a minimum of 2.0 in. clearance to brake hoses in closest positions. (Be sure to account for brake hose travel with suspension.) **Note:** Heat shielding is likely required with clearances even greater than 2.0 in. Keep the brake fluid temperature below the boiling point of water under all operating conditions.

Body builder is to verify that the brake warning switches are operative. (The brake warning switch on models equipped with vacuum-hydraulic brakes is located adjacent to the master cylinder vacuum unit.) This includes the brake system differential pressure. (The parking brake actuator switch is mounted on the park brake apply mechanism which is mounted on the L.H. body side inner under the instrument panel.)

The park brake system is equipped with an automatic adjuster. **Do not separate the park brake cables unless the apply mechanism is blocked out.** The adjuster will wind in the cable until it can no longer be reconnected if not blocked (pinned). See the Pin UP procedure outlined in Section 5, Enabling the Park Brake Automatic Adjuster, in the G Van Service Manual.

## Section 6 – Engine

For additional information refer to **Body - Section 1.**

Air conditioning and auxiliary belt-driven equipment installation recommendations:

No alterations or additions to the accessory drive belt system will be warranted on either multiple belt systems or serpentine belt systems.

The serpentine belt type of drive is designed as a total system, incorporating a single poly-V belt and an automatic tensioner. In this type of system, degrees of pulley wrap, belt tension, and pulley alignment are very critical factors. Modification is not recommended.

When additional alternators, A/C compressors and/or other aftermarket accessory components are added to the OEM accessory drive system on the engine, the Upfitter must be aware that these increased system loads may impact the components of the accessory drive system, including the bearing life and durability of the OEM accessories, drive belts, water pump, idler pulleys and belt tensioners.

The General Motors New Vehicle Limited warranty does not cover any damage or failure resulting from modification or alteration to the vehicle's original equipment as manufactured or assembled by GM. Any issues resulting from body or equipment additions and any alterations to any of the parts, components, systems or assemblies installed by GM must be addressed by the special body company or equipment installer.

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