MAX IV

MAX IV Sprocket.doc 1/14/05

Sprocket Replacement

For Non-Snap Ring Style Sprockets

Tools Required:

5/8" Socket (hollow or solid/non-splined axles only)
11/16" Wrench (hollow or solid/non-splined axles only)
7/16" Wrench
1/8" and 3/16" Hex Wrench (splined axles only)
Ratchet
Torque Wrench
Floor Jack
Jack Stands

Procedure:

1. Move the vehicle to a level surface.

2. Place the gear shift lever in REVERSE gear.

3. Remove the front and rear floorboards and remove the engine cover. Disconnect the negative battery cable.

4. Raise the vehicle so the tires are off the ground.

⚠ **WARNING** **Securely support the vehicle so there is no danger of it falling.**

5. Place the vehicle in NEUTRAL gear.

6. Remove the tire from the axle with the sprocket to be replaced.

7. Follow the removal procedure under the *Axle Replacement* section for the appropriate sprocket to be replaced.

8. Please follow the appropriate section for sprocket replacement.
Part I - Front sprocket replacement.
Part II - Center sprocket replacement.
Part III - Rear sprocket replacement.

Part I - Front Sprocket Replacement

1. Once the axle has been removed (see the *Axle Replacement section* for the front axle), unwrap the front drive chain from the sprocket assembly and lift the sprocket out of the vehicle.

2. Inspect the chain as well as the parking/auxiliary brake system for wear. It is common for a loose or worn out chain to cause sprocket failure. Replace any worn items if necessary.

⚠ **CAUTION** **Failure to replace worn parts will result in damage to the vehicle.**

3. Wrap the chain around the new sprocket assembly. Proceed to the front axle installation section of the *Axle Replacement* section of the manual.

Part II - Center Sprocket Replacement

1. Once the axle has been removed (see the *Axle Replacement* section for the center axle), unwrap the chain(s) from the sprocket assembly(s) and lift the center sprocket assembly(s) out of the vehicle.

2. Inspect the chain(s) for wear. It is common for a loose or worn out chain to cause sprocket failure. Replace any worn items if necessary.

⚠ **CAUTION** **Failure to replace worn parts will result in damage to the vehicle.**

3. Wrap the chain(s) around the new sprocket assembly(s). Proceed to the center axle installation section of the *Axle Replacement* section of the manual.

Part III - Rear Sprocket Replacement

1. Once the axle has been removed (see the *Axle Replacement* section for the rear axle), unwrap the rear drive chain(s) from the sprocket assembly(s) and lift the sprocket(s) out of the vehicle.

2. Inspect the rear chain(s) for wear. It is common for a loose or worn out chain to cause sprocket failure. Replace any worn items if necessary.

⚠ **CAUTION** **Failure to replace worn parts will result in damage to the vehicle.**

3. Wrap the chain(s) around the new sprocket assembly(s). Proceed to the rear axle installation section of the *Axle Replacement* section of the manual.

CAUTION A CAUTION indicates special precautions that must be taken to avoid damage to the vehicle.

WARNING Failure to follow WARNING instructions could result in severe injury or death the vehicle operator, any passenger, or a bystander.

NOTE A note provides key information to make procedures more clear and easier.