



XJ range

DATE 07/03  
Amended 10/03

XJ100-01

**SERVICE**

## **TECHNICAL BULLETIN**

### Transportation Of XJ Vehicles – Transportation And Lashing Requirements

MODEL 2004 MY-ON  
XJ range

VIN G00001-ON

#### **Issue:**

The new XJ sedan vehicle is equipped with air suspension and as a result of this innovation, the correct transportation of the vehicle is of paramount importance. The following information is given to you to ensure that transportation and lashing requirements for the vehicles are fully understood. This is to ensure that there is no possible damage to the vehicle's suspension or body systems. It is important that there are no deviations from the prescribed methods listed below, and that no one should be in any doubt that, due to the sensitivity of the air suspension systems, and their effect on the vehicle during transportation, the methods of lashing / transportation listed below should always be adhered to.

#### AIR SUSPENSION MODES

Prior to their dispatch from the factory or port, all vehicles have the Air Suspension set to **Transportation Mode**. This sets the vehicle suspension high (20 mm higher than **Customer Mode** Ride Height) to ensure that there is sufficient ground clearance to enable loading and unloading of the vehicles correctly without causing damage to the body or undercarriage. The message "air suspension fault" will appear in the message center when the Transportation mode is applied to the vehicles.

#### DEALER TO DEALER TRANSPORTATION

Transportation of vehicles between dealerships must also comply with these methods of transportation, with the responsibility of the **Transportation Mode** setting resting with the **supplying dealer** prior to loading the vehicle onto flatbed/rollback truck.

**⚠ Caution:** The use of a conventional tow truck or wheel lift truck is prohibited. The vehicle cannot be picked up by the rear axle as the XJ range does not have a steering lock. The vehicle cannot be picked up by the front axle as transmission damage will result.

## RIDE HEIGHT CORRECTION DURING TRANSPORTATION

If any suspension sinkage occurs, while the vehicle is in **Transportation Mode**, the message “Vehicle too low” is displayed on the message center, the following actions must be taken to return the vehicle to its correct ride height. If this does happen, do not load or unload the vehicle until the following procedure has been completed.

Ensure that the vehicle doors are shut, and the vehicle transmission is set in “Park”, start the engine, and wait while the compressor charges the system and vehicles ride height is reached, and the “Vehicle too low” message is no longer shown in the message center.

Do not apply the foot brake during this operation, and do not let the vehicle idle in “Drive” with the foot brake applied, as this will inhibit the compressor operation and will prevent the vehicle from achieving the correct ride height.

### **LOCATION OF NYLON STRAPS**



ILLUSTRATION 1

## WINCHING VEHICLE ONTO FLATBED

1. Loop nylon tow strap around front arm of lower wishbone (control arm) and allow strap to slide inward to end of arm at wishbone bushing (Illustration 1). Repeat for opposite side so that two straps are in place.

2. Attach tow hooks from tow vehicle to loops at ends of nylon tow straps (Illustration 2). Do not attach tow hooks directly to vehicle as damage may result.

**HOOKS CONNECTED TO NYLON STRAPS**



ILLUSTRATION 2

3. Place wood block between nylon tow straps and wishbone or chassis of vehicle. Take up slack from winch cable.

**BLOCKS UNDER EDGE OF FLATBED**



ILLUSTRATION 3

4. Place wood blocks to serve as ramp from road surface to edge of flatbed (Illustration 3).

## WINCHING VEHICLE



ILLUSTRATION 4

5. Ensure that no body or front air dam damage will occur and proceed to winch vehicle onto tow vehicle (Illustration 4).

## SECURING VEHICLE ON FLATBED

Vehicles, with the suspension set in **Transportation Mode**, must be loaded / unloaded with no underbody grounding, and the vehicles transmission must be left in “Park” and the electric park brake applied. Retention of the vehicle is by the use of chocks and over wheel lashing, using the following options.

1. Chock and lash both front wheels.
2. Chock and lash one front wheel and the diagonally opposite rear wheel. In addition, chock the unlashed front wheel.

## WHEEL LASHING AND CHOCK



FRONT WHEEL LASHING AND CHOCK



REAR WHEEL LASHING AND CHOCK

ILLUSTRATION 5

## WHEEL LASHING



ILLUSTRATION 6

## ELECTRIC PARKING BRAKE

The 2004 MY XJ range vehicles are equipped with an electric parking brake (EPB) system with the on/off switch located on the center console. If the battery is dead when the vehicle needs to be towed, release the parking brake as follows:

1. Trunk release will not function without power. Use key to manually open the trunk. The lock is located directly over the rear license plate under the trim overhang.
2. Connect jumper cables or portable battery to vehicle's battery located in the right rear of the trunk.
3. Switch the ignition to position II. Depress brake pedal and hold the EPB switch depressed. While holding the switch depressed, turn the ignition off (with the selector lever in neutral). The EPB system will stay disengaged when battery power is removed, and the vehicle can be rolled on to the tow vehicle.
4. Place selector lever in Park position after vehicle has been loaded.