

## 2011 WK - Vehicle Quick Reference/Towing/Standard Procedure

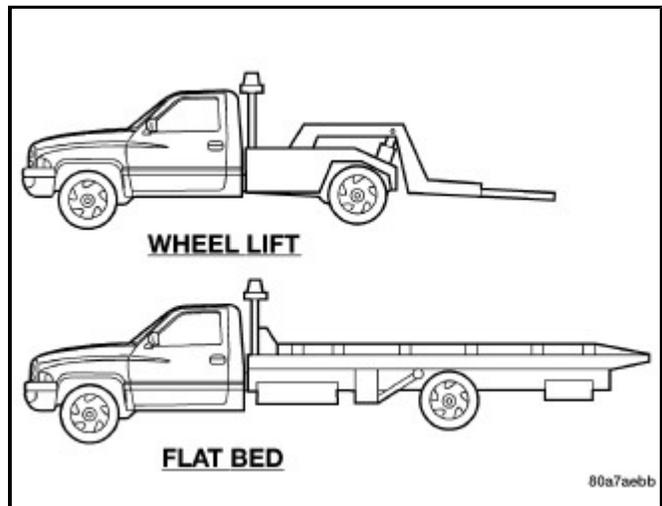
# TOWING, Vehicle

A vehicle equipped with SAE approved wheel lift type towing equipment can be used to tow WK/WH vehicles. When towing a 4WD vehicle using a wheel lift towing device, use tow dollies under the opposite end of the vehicle. A vehicle with a flatbed device can also be used to transport a disabled vehicle.

## SAFETY PRECAUTIONS

**CAUTION:** The following safety precautions must be observed when towing a vehicle:

- Secure loose and protruding parts.
- Always use a safety chain system that is independent of the lifting and towing equipment.
- Do not allow towing equipment to contact the disabled vehicle's fuel tank.
- Do not allow anyone under the disabled vehicle while it is lifted by the towing device.
- Do not allow passengers to ride in a vehicle being towed.
- Always observe state and local laws regarding towing regulations.
- Do not tow a vehicle in a manner that could jeopardize the safety of the operator, pedestrians or other motorists.
- Do not attach tow chains, T-hooks, or J-hooks to a bumper, steering linkage, drive shafts or a non-reinforced frame hole.
- Do not tow a heavily loaded vehicle. Use a flatbed device to transport a loaded vehicle.



## TWO WHEEL DRIVE VEHICLE TOWING

Chrysler Corporation recommends that a vehicle be towed with the rear end lifted, whenever possible.

**WARNING:** When towing a disabled vehicle and the drive wheels are secured in a wheel lift or tow dollies, ensure the transmission is in the park position (automatic transmission) or a forward drive gear (manual transmission).

**WARNING:** Ensure vehicle is on a level surface or the wheels are blocked to prevent vehicle from rolling.

## TWO WHEEL DRIVE TOWING - REAR END LIFTED

**CAUTION:** Do not use steering column lock to secure steering wheel during towing operation.

2WD vehicles can be towed with the front wheels on the surface for extended distances at speeds not exceeding 48 km/h (30 mph).

1. Attach wheel lift device to rear wheels.
2. Place the transmission in neutral.
3. Raise vehicle to towing position.
4. Attach safety chains. Route chains so not to interfere with tail pipe when vehicle is lifted.
5. Turn the ignition switch to the OFF position to unlock the steering wheel.

**CAUTION:** Do not use steering column lock to secure steering wheel during towing operation.

6. Secure steering wheel in straight ahead position with a clamp device designed for towing.
7. Place transmission in park.

## **TWO WHEEL DRIVE TOWING - FRONT END LIFTED**

**CAUTION:** Towing is allowed ONLY if the driveshaft is removed. Towing with the rear wheels on the ground while the driveshaft is connected can result in severe transmission damage which is not covered under the Limited Warranty.

**CAUTION:** Many vehicles are equipped with air dams, spoilers, and/or ground effect panels. To avoid component damage, a wheel lift towing vehicle or a flat bed hauling vehicle is recommended.

1. Attach wheel lift device to rear wheels.
2. Place the transmission in neutral.
3. Raise the rear of the vehicle off the ground and install tow dollies under rear wheels.
4. Attach wheel lift device to front wheels and raise vehicle to towing position.
5. Attach the safety chains.

**CAUTION:** Do not use steering column lock to secure steering wheel during towing operation.

6. Turn the ignition switch to the OFF position to unlock the steering wheel.
7. Secure steering wheel in straight ahead position with a clamp device designed for towing.
8. Place transmission in park.

## **FOUR WHEEL DRIVE VEHICLE TOWING**

Chrysler Corporation recommends that a 4WD vehicle be transported on a flat bed device. A wheel lift device can be used provided **the trailing wheels are off the ground and positioned in tow dollies.**

**WARNING:** When towing a disabled vehicle and the drive wheels are secured in a wheel lift or tow dollies, ensure the transmission is in the park position.

**CAUTION:** Many vehicles are equipped with air dams, spoilers, and/or ground effect panels. To avoid component damage, a wheel lift towing vehicle or a flat bed hauling vehicle is recommended.

## **FOUR WHEEL DRIVE TOWING - REAR END LIFTED**

**WARNING:** Ensure vehicle is on a level surface or the wheels are blocked to prevent vehicle from rolling.

1. Attach wheel lift device to front wheels.
2. Place the transmission in neutral.
3. Raise the front of the vehicle off the ground and install tow dollies under front wheels.
4. Attach wheel lift device to rear wheels and raise vehicle to towing position.
5. Attach safety chains. Route chains so not to interfere with tail pipe when vehicle is lifted.
6. Turn the ignition switch to the OFF position to unlock the steering wheel.

**CAUTION:** Do not use steering column lock to secure steering wheel during towing operation.

7. Secure steering wheel in straight ahead position with a clamp device designed for towing.
8. Place transmission in park.

## **FOUR WHEEL DRIVE TOWING - FRONT END LIFTED**

**WARNING:** Ensure vehicle is on a level surface or the wheels are blocked to prevent vehicle from rolling.

1. Attach wheel lift device to rear wheels.
2. Place the transmission in neutral.
3. Raise the rear of the vehicle off the ground and install tow dollies under rear wheels.
4. Attach wheel lift device to front wheels and raise vehicle to towing position.
5. Attach the safety chains.

**CAUTION:** Do not use steering column lock to secure steering wheel during towing operation.

6. Turn the ignition switch to the OFF position to unlock the steering wheel.
7. Secure steering wheel in straight ahead position with a clamp device designed for towing.
8. Place transmission in park.

## **RECREATIONAL TOWING (BEHIND MOTORHOME, ETC.)**

### **Towing - 2WD Models**

**CAUTION:** Recreational towing is allowed **ONLY** if the driveshaft is removed. Towing with the rear wheels on the ground while the driveshaft is connected can result in severe transmission damage which is not covered under the Limited Warranty.

### **Towing - Quadra-Trac I (Single-Speed Transfer Case) 4WD Models**

**CAUTION:** Recreational towing is not allowed. This model does not have a N (Neutral) position in the transfer case.

## Towing - Quadra-Trac II /Quadra-Drive II 4WD Models

**CAUTION:** Internal damage to the transfer case will occur if a front or rear wheel lift is used when recreational towing. The transfer case must be in the N (Neutral) position, and the transmission must be in the P (Park) position for recreational towing.

## Shifting Into Neutral (N)

**CAUTION:** Use the following procedure to prepare the vehicle for recreational towing. It is necessary to follow these steps to be certain that the transfer case is fully in N (Neutral) before recreational towing to prevent damage to internal parts.

1. Depress brake pedal.
2. Shift transmission into N (Neutral).
3. Shift transfer case lever into N (Neutral). Refer to “Four Wheel Drive Operation” in this section. Start engine.
4. Shift transmission into D (Drive).
5. Release brake pedal and ensure that there is no vehicle movement.
6. Shut the engine OFF and place the ignition key into the unlocked OFF position.
7. Shift transmission into P (Park).
8. Apply parking brake.
9. Attach vehicle to the tow vehicle with tow bar.
10. Release parking brake.

**CAUTION:** Transmission damage may occur if the transmission is shifted into P (Park) with the transfer case in N (Neutral) and the engine running. With the transfer case in N (Neutral) ensure that the engine is OFF prior to shifting the transmission into P (Park) (refer to steps 7 – 8 above).

## Shifting Out Of Neutral (N)

Use the following procedure to prepare the vehicle for normal usage.

1. Turn the ignition key to the unlocked OFF position.
2. Shift transmission into N (Neutral).
3. Shift transfer case lever to desired position. Refer to “Four Wheel Drive Operation” in this section.
4. Shift transmission into P (Park).
5. Start the engine.
6. Shift transmission into D (Drive).

**NOTE:** When shifting out of transfer case N (Neutral), turning the engine OFF may be required to avoid gear clash.

**WARNING:** You or others could be injured if you leave the vehicle unattended with the transfer case in the N (Neutral) position without first fully engaging the parking brake. The transfer case N (Neutral) position disengages both the front and rear driveshafts from the powertrain and will allow the vehicle to move regardless of the transmission position. The parking brake

should always be applied when the driver is not in the vehicle.

**CAUTION:** Do not use a bumper mounted clamp on tow bar on the vehicle. The bumper face bar will be damaged.