

# Commercial vehicle chain requirements

All vehicles over 10,000 pounds GVW shall carry a minimum of 2 extra chains for use in the event that road conditions require the use of more chains or that chains in use are broken or otherwise made useless, WAC 204-24-050 (2) (f).

Approved chains for vehicles over 10,000 pounds gross vehicle weight shall have at least two side chains attached sufficient cross chains of hardened metal so that at least one cross-chain is in contact with the road surface at all times. Plastic chains shall not be allowed. The Washington State Patrol may approve other devices as chains if the devices are equivalent to regular chains in performance (cable chains allowable).

[Diagram of proper chain placement \(PDF 20KB\)](#) for different axle configurations

On the following routes, **all vehicles and combinations of vehicles over 10,000 pounds** shall carry sufficient tire chains to meet the requirements from **November 1 to April 1** of each year or at other times when chains are required for such vehicles:

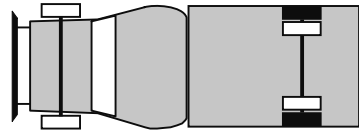
- I-90 between North Bend (MP 32) and Ellensburg (MP 101)
- I-82 between Ellensburg Exit 3 (MP 3.00) and Selah Exit 26 (MP 26.00)
- SR-97 between (MP 145) and Junction
- SR-2 between Dryden (MP 108) and Index (MP 36)
- SR-12 between Packwood (MP 135) and Naches (MP 187)
- SR-97 between junction SR-14 (MP 4) Columbia River and Toppenish (MP 59)
- SR-410 from Enumclaw to Naches
- SR-20 between Tonasket (MP 262) and Kettle Falls (MP 342)
- SR-155 between Omak (MP 79) and Nespelem (MP 45)
- SR-970 between (MP 0) and (MP 10)
- SR-14 (MP 18) to Junction 97 (MP 102)
- SR-542 Mt Baker Highway between (MP 22.91) and (MP 57.26)

Vehicles making local deliveries as indicated on bills of lading and not crossing the mountain pass are exempt from this requirement if operating outside of the chain required area.

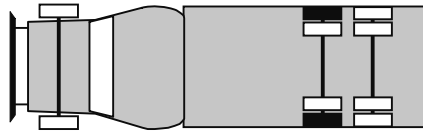
The Washington State Department of Transportation or Washington State Patrol may prohibit any vehicle from entering a chain/approved traction tire control area when it is determined that the vehicle will experience difficulty in safely traveling the area.

WHEN SIGNS MARKED “VEHICLES OVER 10,000 GVWR” OR “ALL VEHICLES - CHAINS REQUIRED (EXCEPT ALL-WHEEL DRIVE)” ARE POSTED, ALL VEHICLES OVER 10,000 LBS. GVWR MUST HAVE TIRE CHAINS MOUNTED ON THE TIRES AS REQUIRED.

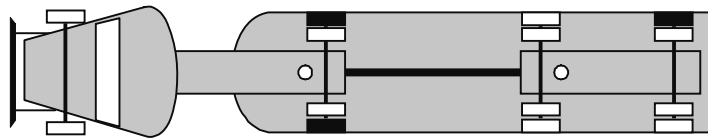
## TWO TO FOUR AXLES



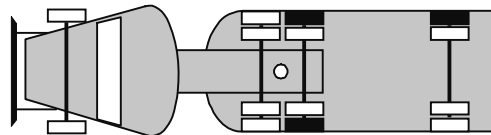
One tire on each side of the drive axle.



Either drive axle, one tire on each side, same axle.

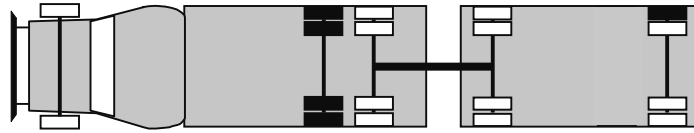


One tire on each side of the drive axle and one tire on either side of the trailer. This includes auto transporters with single drive axles.

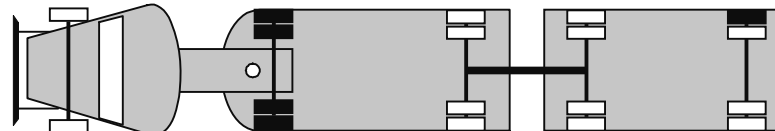


Either drive axle, one tire on each side of the same axle and one tire on either side of the trailer.

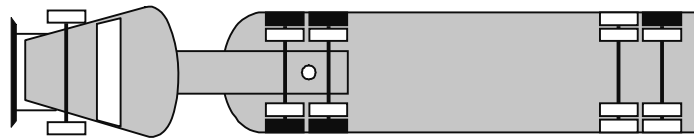
## FIVE AXLES



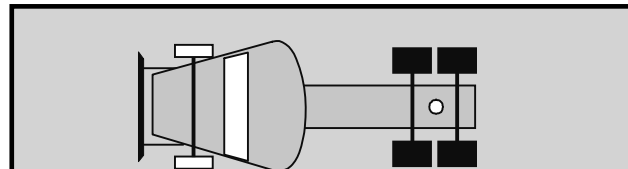
All tires on one drive axle and one tire on either side of last trailer axle.



All tires on the drive axle and one tire on either side of the last axle of the last trailer.



All tires on one drive axle or one tire on each side of both drive axles. One tire on either side of either trailer axle. This includes Automobile Transporters.



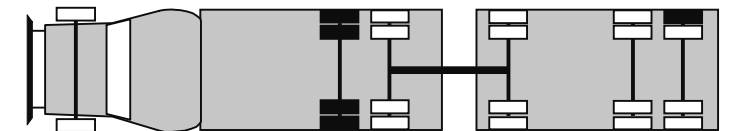
Tractors equipped with super-single tires:  
Chain each tire on each drive axle.

(Refer to other illustrations for trailer chain requirements.)

## SIX OR MORE AXLES



All tires on the drive axle and one tire on either side of the last axle of the last trailer.



All tires on one drive axle and one tire on either side of the last two axles.



All tires on one drive axle and one tire on either side of the last axle of the last trailer.



Only on six or more axle combinations when posted “ALL VEHICLES CHAINS REQUIRED” one additional tire on each side of the drive axle shall be chained.

**WINTER ROAD INFORMATION:** DEPARTMENT OF TRANSPORTATION online at <http://WWW.WSDOT.WA.GOV> for traffic cameras and mountain pass report information.

Or in state dial 511 or from out of state 1-800-695-7623. WASHINGTON STATE PATROL online at <http://WWW.WSP.WA.GOV>.