Car Stops and Bumping Posts for Freight Cars

We have three levels of car stopping products based on frequency of use and the length of the train that will make contact with the stop.

- Car Stops and Bumping Posts are for use on flat track only at a slow speed (1-3 mph).
- Car Stops are not equal in stopping capacity to a Bumping Post. Limit use of car stops to lightly travelled side tracks, where one to two cars maximum are being moved.
- Provide ample space between car stops and object to be protected.
- Use a signalman to guide locomotive engineer as cars approach stop or post. Repeated impacts will weaken stops and posts.

Car stops are sold in single units but should always be used in pairs.

CS-3X Hinged, Locking Type
Stops are bolted through web of rail. Stops fold outward when not needed. Lock casting grips head of rail and can be padlocked to prevent unauthorized use of stops. If load is too great, bolts can shear.

4016-05-R Right Hand Wt. 94 lbs.
4016-05-L Left Hand Wt. 94 lbs.
1-2 cars.
Light-duty side track.

CS-2 Self-Tightening Type
Wedge holds bolted-together car stop to rail. Stop stands 15 inches above rail. Can be used as chock as well as stopping device. Tighten bolts periodically and re-hammer wedge if loosened.

4016-03 Weight 107 lbs.
1-2 cars.
Light-duty side track.

CS-4 Severe Duty Type
Uses the cushioning capacity of the tie and a wheel-bump feature to lift the wheel slightly off the rail to absorb momentum. Recommended for spur tracks where more protection is needed than a conventional car stop can provide.

4016-06 Weight 173 lbs.
1-3 cars.
More frequently used side track.

Ways To Use Car Stops

End-of-Track Stop
1. For car storage tracks and lightly used loading tracks.

Car Separation
2. Avoid contact between rail car being moved and nearby parked rail cars.
Provide ample distance between stops and car.

Backup for Chocks
3. Provide additional stopping protection if wheel chocks/brake can’t hold car steady.

Chocking on Grades 1% max. slope
4. Procedure:
   1. Install one stop on each rail.
   2. Ease car up against stops — no impact.
   3. Apply brake and chock rear wheels
   4. For multiple cars use multiple pairs of stops (1 pair per car).
   5. Provide adequate means to stop car movement when car stops are removed.

End-of-Track “Stop” Sign
To increase awareness of car stops and bumping posts, install a 24”x 24”x .008” blank red aluminum sign approximately 10 feet behind the stops or post (to clear car coupler). Customer provides 4”x4” wooden post.

4016-05-R Right Hand Wt. 94 lbs.
4016-05-L Left Hand Wt. 94 lbs.
1-2 cars.
Light-duty side track.

4116-08 Light Traffic.
Weight 800 lbs.
4116-09 Heavy Traffic
Weight 1,250 lbs.
Customer can install middle rails for track strength.
Leave 3 to 4 ties worth of rail length behind post.

Basic Spur Track Safety — CAR STOPS

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