

3-2 REINFORCING A CHASSIS FRAME SIDE MEMBER

When reinforcing a chassis frame side member, follow the instructions below to prevent an acute change in the section modulus and stress concentration due to welding, since it might cause deform or crack.

① Reinforcement material

- The reinforcement material should be equivalent to that of side members.
- Thickness and shape of the reinforcement material should be selected according to rear body mounting and vehicle usage condition.
- Use L-shaped reinforcement material.
- Channel-shaped reinforcement is not recommended.
 - It is difficult to match the dimension of a channel-shaped reinforcement with a chassis frame side member, and difference in shape between a reinforcement and a side member results in slacking and reinforcing effect.

Reinforcement shape

