

# VEHICLE SLAVE

# STARTING BASICS



**Question:** What do you get when you combine weak batteries with below-freezing temperatures?

**Answer:** A vehicle that won't start.

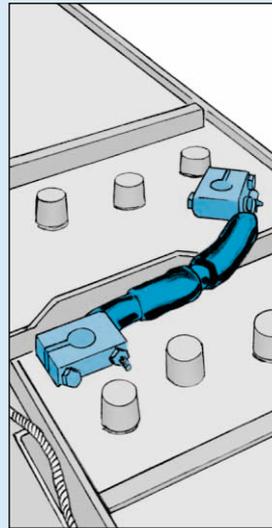
Without help, that vehicle is as dead as a doornail!

So what kind of help do you need? Well, that help often comes from slave cables. Using the cables correctly will keep you safe and your vehicle on the job.



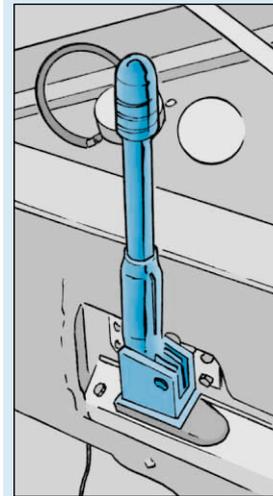
- Read the slave-starting steps in your vehicle's operating instructions.
- **Never** stand between vehicles being slaved and **never** position them nose-to-nose. That'll keep you safe in case one vehicle moves when it starts.
- Have your mechanic make sure the electrolyte in all battery cells is above the plates and is **not frozen**. Never slave frozen batteries. They can explode.

- Make sure all cables and terminals on the dead vehicle's batteries are tight and free of corrosion.



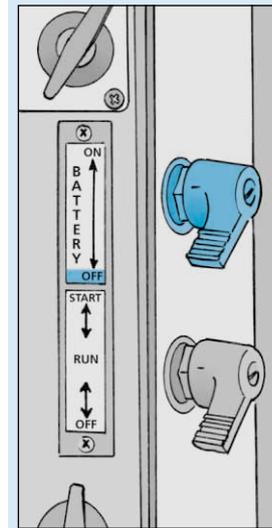
NOV 05

- Set the parking brakes on both vehicles. Shift both transmissions to neutral. Keep the live vehicle's engine running at fast idle.



PS 636

- Make sure the dead vehicle's battery switch is OFF to prevent arcing when you connect the slave cable.



13

ONCE YOU'VE DONE **ALL** THE ABOVE, FOLLOW THE STEPS ON THE NEXT PAGE...

...AND MAKE SURE YOU DO 'EM **IN ORDER!**



1. Connect the slave cable to the dead vehicle's slave receptacle. The connection should be tight.
2. If either vehicle has the old two-prong slave receptacle, use the NATO adapter. Put it on the receptacle and then connect the cable.
3. Push the slave cable connector into the slave receptacle on the live vehicle.
4. Wait at least one minute, but no more than three, before trying to start the dead vehicle. This allows a trickle charge to warm up a dead battery before it gets the full jolt of starting.
5. Try to start the dead vehicle. Step on the clutch if the vehicle has one, to reduce engine drag.
6. Keep the slave cable connected until the vehicle starts. Never unhook a slave cable while the starter is engaged, or you'll get arcing and burned-out cables and receptacles.

Use NATO slave adapter on old connectors



Once the slaved vehicle is started, pull the cable off that vehicle and then remove it from the other one. Let the engine run in the slaved vehicle at fast idle (1,000-1,200 rpm) for at least 20 minutes, or drive the vehicle about five miles to recharge the batteries.

Tell your mechanic if the batteries don't recharge.



A GOOD SLAVE START  
WOULD'VE KEPT YOU GUYS  
IN THE LAND OF THE LIVING,  
IF ONLY YOU'D KNOWN.

