

- **DRIVEABILITY—LOW RANGE OR NO START—BATTERY PACK REMOVAL AND REPLACEMENT PROCEDURE**
- **ELECTRICAL—LOW RANGE OR NO START—BATTERY PACK REMOVAL AND REPLACEMENT PROCEDURE**
- **ENGINE—LOW RANGE OR NO START—BATTERY PACK REMOVAL AND REPLACEMENT PROCEDURE**

**Article No.
03-19-7**

THINK: 2002 THINK NEIGHBOR

ISSUE

Some vehicles may exhibit a low range or a no start condition. This may be due to weak or energy depleted batteries.

ACTION

Refer to TSB 03-8-6 and attempt to save the battery pack. If the battery pack cannot be saved refer to the following Service Procedure to remove and replace the battery pack.

SERVICE PROCEDURE

NOTE

THE NEW VEHICLE LIMITED WARRANTY DOES NOT COVER BATTERY DAMAGE CAUSED BY FAILURE TO MAINTAIN THE VEHICLE BATTERY, OR BY IMPROPERLY MAINTAINING THE VEHICLE. IF THE BATTERIES ARE REPLACED UNDER WARRANTY, ALL CAUSAL PARTS RESULTING IN DAMAGE TO THE BATTERIES MUST BE RETURNED PER WARRANTY RETURN TAG INSTRUCTIONS AND MAY BE ANALYZED FOR FAILURE. IN THE ABSENCE OF A CAUSAL PART, WHICH HAS CAUSED THE BATTERIES TO DISCHARGE BELOW MINIMUM VOLTAGE, IT IS PRESUMED THAT THE BATTERIES WERE NOT MAINTAINED CORRECTLY AND ALLOWED TO DISCHARGE.

NOTE

SINGLE BATTERIES CANNOT BE INSTALLED INTO BATTERY PACKS THAT HAVE BEEN IN A VEHICLE FOR MORE THAN 90 DAYS.

Remove Batteries

1. Make sure the On-Board Charger is not plugged in.

NOTE: The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford, Lincoln, or Mercury dealership to determine whether the Bulletin applies to your vehicle.

2. Switch the service disconnect switch to the off position.
3. Remove front seat bottom cushions and remove seat frames from "H" bracket.
4. Remove front stanchion cover.

NOTE

DO NOT REMOVE THE "H" BRACKET OR THE PARK BRAKE HANDLE.

5. Disconnect all battery cables from the threaded terminals.
6. Remove all battery hold-downs.
7. Remove batteries as seen in (Figure 1).

Replace Batteries

NOTE

BATTERY LAYOUT CAN BEEN SEEN IN (FIGURE 2).

1. Install battery #2 & #5, polarity must be correct.
2. Install battery #1 & #6, polarity must be correct.
3. Install battery #3 & #4, polarity must be correct.

NOTE

IT IS VERY IMPORTANT TO BALANCE THE BATTERY PACK BY INDIVIDUALLY CHARGING EACH BATTERY WITH THE DPI CHARGERS. REFER TO TSB 03-8-6. ALL BATTERIES INCLUDING NEW BATTERIES MUST BE WITHIN .2VDC OF EACH OTHER TO BE CONSIDERED BALANCED, IF THEY ARE NOT, REFER TO TSB 03-8-6.

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4. If needed, charge all individual batteries with the DPI charger to "Top Of Charge".
5. Attach all battery cables, fuse, & harness connections. Torque battery cables to 12-15N•m (107-132 lb-in).
6. Reinstall all battery hold-downs, torque to 12-15N•m (107-132 lb-in).
7. Reattach seat frame on "H" bracket.
8. Install front stanchion cover.
9. Check battery pack voltage, approximately positive 77V should be present.
10. Put the vehicle on a 12-hour charge with the On-Board Charger.

PART NUMBER	PART NAME
2E3Z-10655-BA	Battery

OTHER APPLICABLE ARTICLES: 03-8-6

WARRANTY STATUS: Eligible Under Provisions Of
The New Vehicle Limited
Warranty.

OPERATION	DESCRIPTION	TIME
031907A	Replace Battery Pack	1.8 Hrs.

DEALER CODING

BASIC PART NO.	CONDITION CODE
10655	28

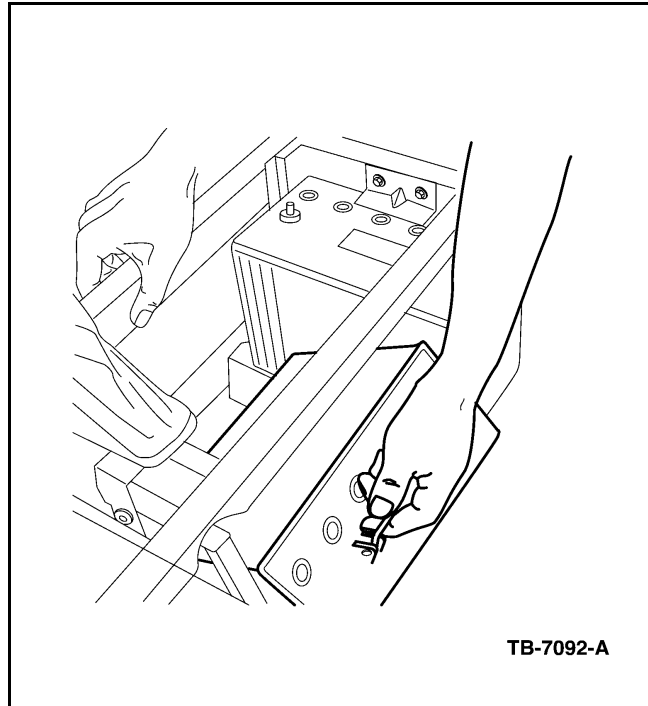


Figure 1 - Article 03-19-7

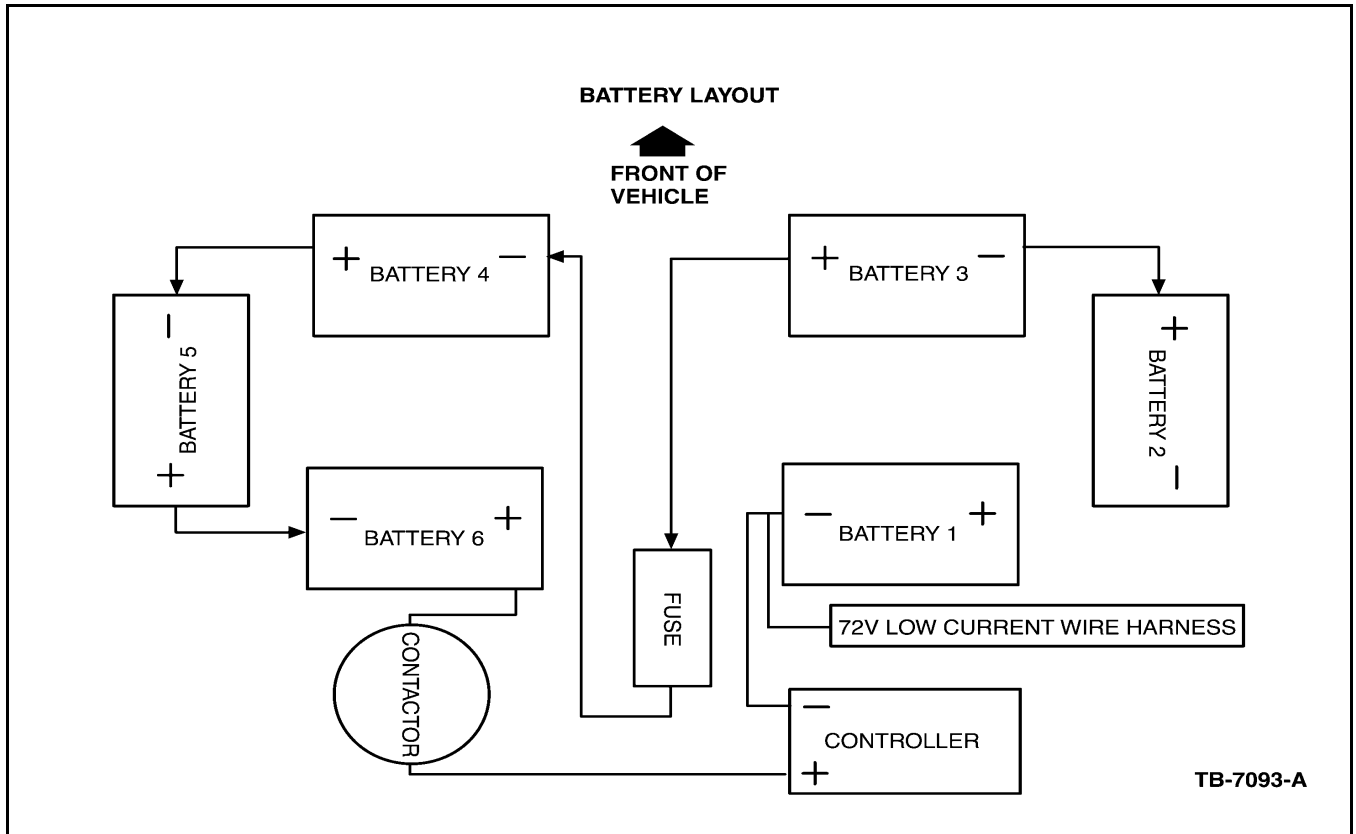


Figure 2 - Article 03-19-7