



TN-22-17-001 R1 April 14, 2022		Tesla, Inc. Tech Notes
Model:	Vehicle System:	Region:
Model S, Model X, Model 3, Model Y	17 - Electrical	North America

Tech Note: Package Lithium-Ion LV Battery for Shipment to Material Review Board

Tech Notes are announcements that help to communicate and track new information about Tesla Service concerns. Such concerns may or may not be VIN specific. These instructions assume knowledge of motor vehicle and high voltage electrical component repairs, and should only be executed by trained professionals. Tesla assumes no liability for injury or property damage due to a failure to properly follow these instructions or for repairs attempted by unqualified individuals.

This Service Document supersedes TN-22-17-001, dated 25-Mar-22. Each content change is marked by a vertical line in the left margin. Discard the previous version and replace it with this one.

When shipping a lithium-ion LV battery to Material Review Board (MRB), perform the following procedure to package the battery for safe transport.

 **NOTE:** For more information on the transport of lithium-ion LV batteries, go to the Internal Tesla Web Portal and navigate to **Departments > Logistics > Dangerous Goods**.

	Part Number	Description	Quantity
Parts Required	1779986-00-A	LI-ION LV BATTERY SERVICE RETURNS KIT	1
	This part number was current at the time of publication. Use the revision listed or later, unless otherwise specified in the Parts Catalog .		
Shop Supplies	Cable ties Class 9 battery label UN 3480 label		

Procedure

1. Open the pail and remove the empty plastic bags and vermiculite from the pail.
2. Put the LV battery into 1 empty plastic bag, squeeze out the excess air, and then close the bag with a cable tie (Figure 1).



Figure 1

3. Cut off the excess plastic bag above the cable tie (Figure 2).



Figure 2

4. Line the pail with the other empty plastic bag (Figure 3).



Figure 3

5. Pour approximately half of the entire amount of vermiculite into the plastic-lined pail (Figure 4).

⚠ WARNING: Wear gloves, safety glasses, and a face mask when handling vermiculite.



Figure 4

6. Put the LV battery in the pail, on top of the vermiculite (Figure 5).



Figure 5

7. Pour the remaining vermiculite into the pail; making sure the LV battery bag is completely covered (Figure 6).


 **NOTE:** Leave 2-3 inches (5-7.5 cm) of space between the vermiculite and the top of the pail.



Figure 6

8. Squeeze the excess air out of the bag, and then close the bag with a cable tie (Figure 7).



Figure 7

9. Close and lock the pail.
10. Put Class 9 and UN3480 labels on the side of the pail (Figure 8).

 **NOTE:** Use only the Class 9 and UN3480 labels from eProcurement. Do not print these labels.



Figure 8