T24 Key Indicator Module (KIM) Installation Card

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The T24 Key Indicator Module (KIM) is an add-on device which provides 24 extra memory or line buttons for the T7316E telephone. Up to nine KIMs can be connected to a T7316E telephone.

A Station Auxiliary Power Supply (SAPS) is required for T7316E telephones that have five to nine KIMs attached. For SAPS installation instructions, refer to the *SAPS Installation Card* provided with the SAPS kit.
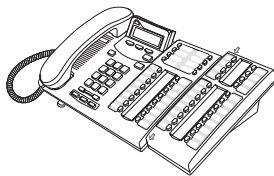
Single T24 KIM installation

1 Position the metal hooks from the left side of the KIM next to the slots on the right side of the T7316E telephone.
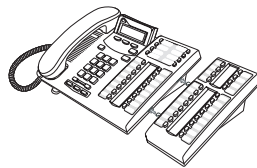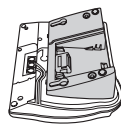
Firmly press the T7316E and KIM together.

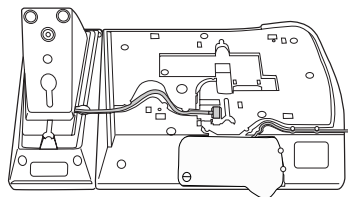**2** Slide the KIM down until its aligned with the T7316E telephone.

3 Remove the stand from the T7316E telephone.
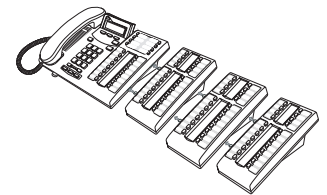
← Press here to remove stand.

4 Connect the KIM cord to the accessory connector port on the T7316E telephone.

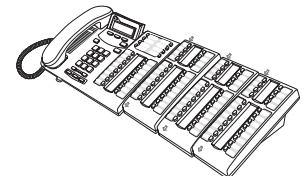**5** Replace the stand on the T7316E telephone to complete the installation.

Multiple T24 KIM installation

1 Position the T7316E telephone and KIMs together. Align the hooks on each KIM to the slots on the next KIM.
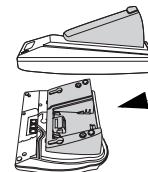Firmly press the T7316E and KIMs together.

2 Slide the KIMs down until they are aligned with the T7316E telephone.

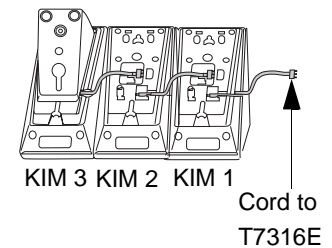**3** Remove the stands from KIMs and the T7316E telephone.

Press here to remove stands.

4 Connect each KIM cord to the connector port on the next KIM in a daisy-chain order.

KIM 3 KIM 2 KIM 1

Cord to T7316E

5 Connect the cord on the first KIM to the accessory connector port on the T7316E telephone.

KIM 1
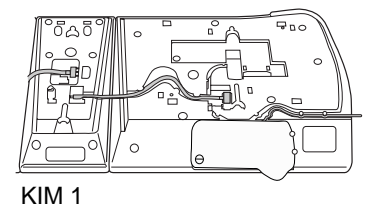
6 Replace the stands on the KIMs and the T7316E telephone to complete the installation.

T24 KIM initialization

KIM indicators turn on and flash during the first ten seconds after powering up. It can take up to five minutes for the KIM to initialize.

The default setting for the programmable memory buttons on the KIM is blank. The side illustration shows the button number assignment on a KIM.
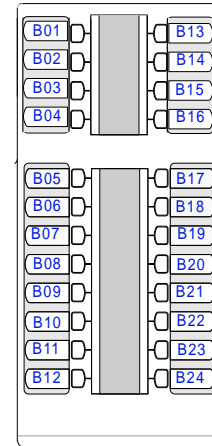
Troubleshooting Tip: An Addon Error message appears on the T7316E telephone display and an error tone is generated when there is a connector problem with a KIM. Check that the KIM cord is properly inserted into the accessory connector port of the T7316E telephone.

KIM button number assignment

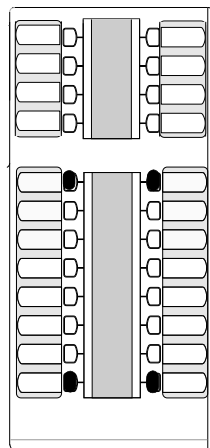|	
B01	B13
B02	B14
B03	B15
B04	B16
B05	B17
B06	B18
B07	B19
B08	B20
B09	B21
B10	B22
B11	B23
B12	B24

T24 KIM coldstarts

Internal autodial numbers can be automatically assigned to the programmable memory buttons on the KIM when a coldstart is performed. Internal autodial numbers are assigned in ascending order starting on the top left button (button 01) on the KIM. A coldstart must be performed during the first ten seconds after powering up a KIM.

To coldstart an individual KIM	To coldstart all KIMs

1 Unplug the T7316E telephone line cord, then reconnect it to power up.

2 While the indicators are flashing on the individual KIM, simultaneously press the top two and the bottom two buttons on the lower button set of the KIM, as shown in the illustration
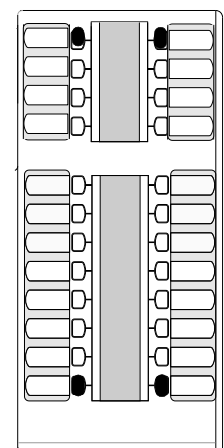
(buttons: 05, 12, 17 and 24).

3 At the beginning of the coldstart, indicators beside each KIM button will briefly flash starting at the bottom right button (button 24).

4 When the KIM coldstart is completed, the T7316E telephone display automatically returns to the time and date.

1 Unplug the T7316E telephone line cord, then reconnect it to power up.

2 While the indicators are flashing on the first KIM (next to the telephone), simultaneously press the top two buttons and the bottom two buttons on the KIM, as shown in the illustration.

(buttons: 01, 12, 13 and 24)

3 At the beginning of the coldstart, indicators beside each KIM button will briefly flash starting at the bottom right button (button 24).

4 When the KIM coldstart is completed, the T7316E telephone display automatically returns to the time and date.