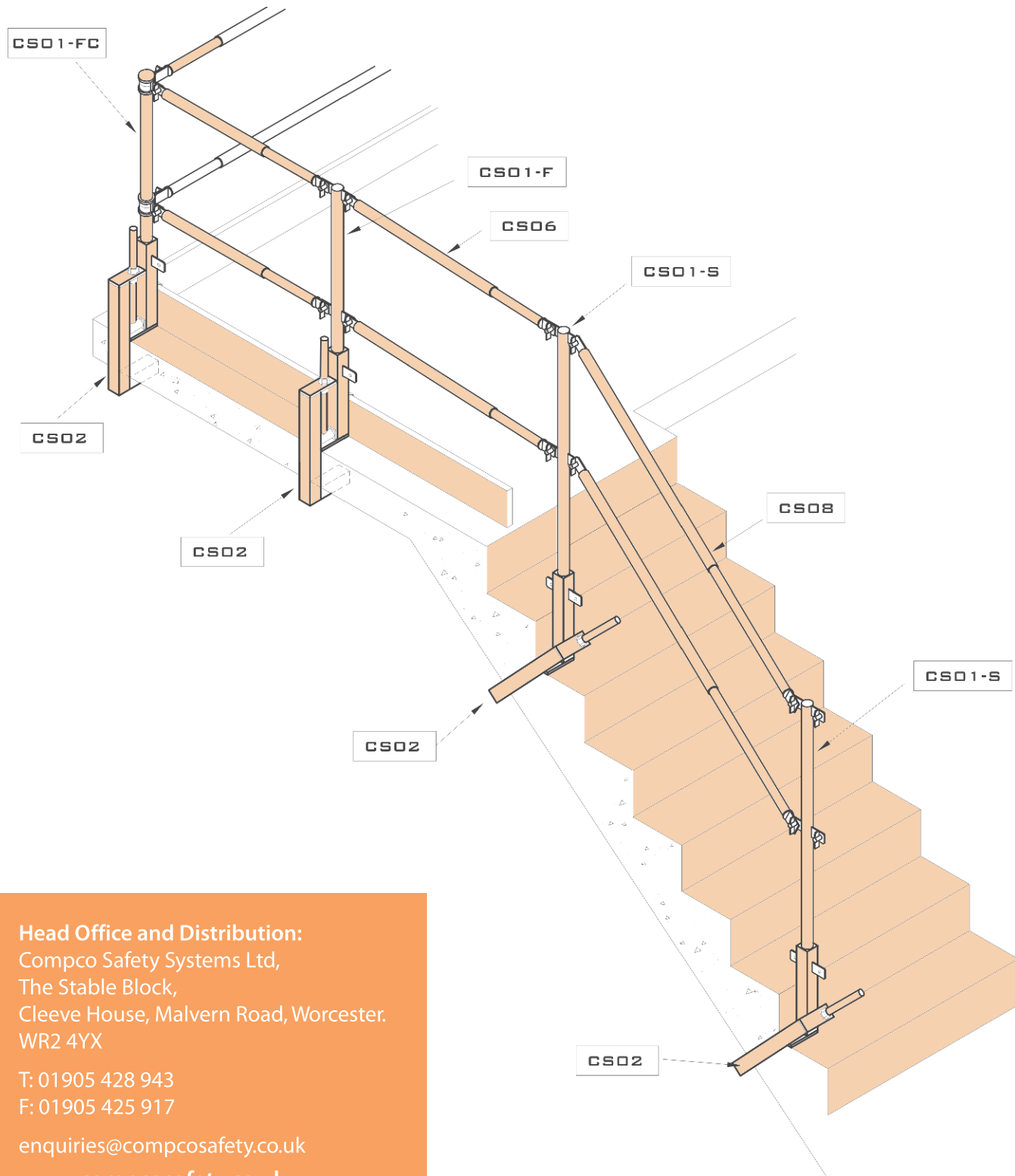


# COMMERCIAL



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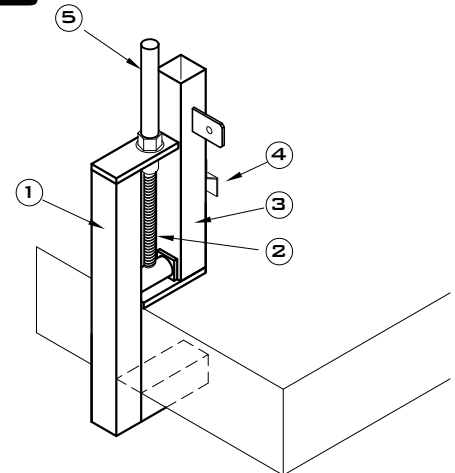
## COMMERCIAL SAFETY SYSTEM INSTALLATION MANUAL

**COMPCO  
SAFETY**

01905 428943

# UNIVERSAL CLAMP CS02 SLAB INSTALLATION

- ① CLAMP BODY
- ② ADJUSTMENT THREAD
- ③ POST SOCKET
- ④ TOE BOARD LUGS
- ⑤ THREAD COVER



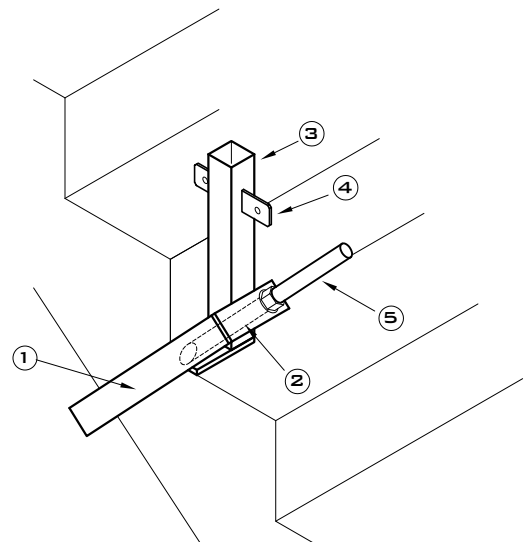
## FOR INSTALLATION TO PRE-CAST CONCRETE STAIRS OR FLAT SLAB

01. MEASURE THE STAIR OR SLAB THICKNESS THAT THE UNIVERSAL CLAMP IS TO BE ATTACHED TO.
02. ADJUST CLAMP TO REQUIRED DISTANCE BY UNDOING THE BOTTOM BOLT ON THE THREAD COVER ( ITEM 5 )
03. ADJUST TOP BOLT ON ADJUSTMENT THREAD ( ITEM 2 ) TO SUIT
04. ONCE REQUIRED DISTANCE IS OBTAINED OFFER CLAMP TO CONCRETE
05. SLIDE ONTO CONCRETE ENSURING THAT POST SOCKET ( ITEM 3 ) IS MAINTAINED IN AN UPRIGHT POSITION
06. CLAMP BODY ( ITEM 1 ) TO BE FLUSH TO CONCRETE EDGE AND ON STAIR INSTALLATION PERPENDICULAR TO SLOPE
07. FULLY TIGHTEN BOTTOM NUT ATTACHED TO TOP OF ADJUSTMENT THREAD ( ITEM 2 ) THIS WILL REQUIRE A 30MM OPEN ENDED SPANNER.
08. TIGHTEN DOWN TOP NUT ATTACHED TO BOTTOM OF THREAD COVER ( ITEM 5 ). THIS ACTS AS A LOCK-NUT. THIS WILL REQUIRE A 30MM OPEN ENDED SPANNER.

NOTE : THE CLAMP BODY (ITEM 1) AND POST SOCKET (ITEM 3) ARE ABLE TO SWIVEL INDEPENDENTLY OF EACH OTHER ON THE BARREL AT THE BASE OF THE ADJUSTMENT THREAD (ITEM 2) TO ACHIEVE THE REQUIRED FITTING ANGLE. ONCE SECURED TOE-BOARDS CAN BE FITTED AS REQUIRED BY UTILIZING EITHER THE WING-LUGS AT THE TOP OF THE POST SOCKET (ITEM 3) IF FITTING TO STAIRS OR THE ZED BRACKET ON THE BACK OF THE POST SOCKET (ITEM 3) IF FITTING TO A FLAT SLAB.

## STAIR INSTALLATION

- ① CLAMP BODY
- ② ADJUSTMENT THREAD
- ③ POST SOCKET
- ④ POSSIBLE TOE BOARD LUGS
- ⑤ THREAD COVER

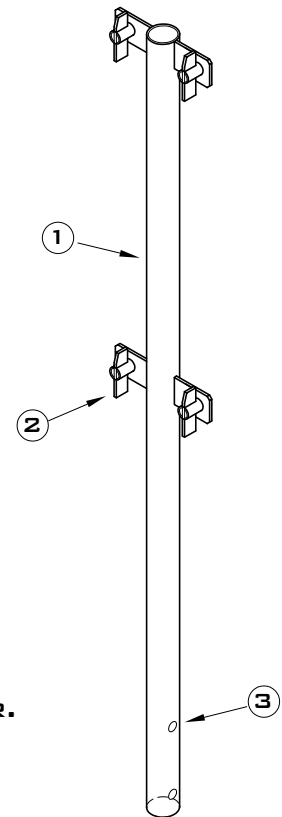


## CS-01-S STAIR POST

- ① STAIR POST
- ② ANTI-LUCE CONNECTOR
- ③ HOLES FOR BOLT CONNECTION TO CLAMP

### FOR INSTALLATION TO PRE-CAST CONCRETE STAIRS

01. ONCE UNIVERSAL CLAMP CS-02 IS LOCKED SECURELY IN PLACE OFFER POST ( ITEM 1 ) TO TOP OF CLAMP SOCKET
02. SLIDE POST INTO SOCKET ENSURING THAT ANTI-LUCE FASTENERS ( ITEM 3 ) ARE FACING OUTWARD OF THE STAIR RISER
03. ALIGN 12MM BOLT HOLES ON POST ( ITEM 2 ) TO BOLT HOLES ON TOP OF UNIVERSAL CLAMP SOCKET
04. SECURE WITH 2 NO. M10 BOLTS C/W LOCK NUTS AND WASHERS SUPPLIED. THIS WILL REQUIRE A 10MM RING SPANNER.
05. ENSURE THAT ANTI-LUCE FASTENERS ( ITEM 3 ) ARE IN HORIZONTAL POSITION TO ACCEPT TELESCOPIC HANDRAIL

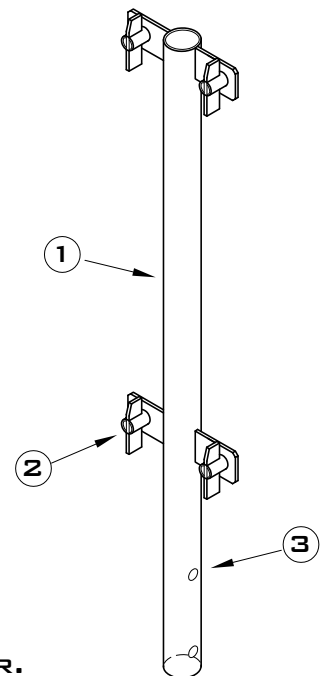


## CS-01F- FLAT POST

- ① FLAT POST
- ② ANTI-LUCE CONNECTOR
- ③ HOLES FOR BOLT CONNECTION TO CLAMP

### FOR INSTALLATION TO PRE-CAST CONCRETE SLAB

01. ONCE UNIVERSAL CLAMP CS-02 IS LOCKED SECURELY IN PLACE OFFER POST ( ITEM 1 ) TO TOP OF CLAMP SOCKET
02. SLIDE POST INTO SOCKET ENSURING THAT ANTI-LUCE FASTENERS ( ITEM 3 ) ARE FACING OUTWARD OF THE SLAB
03. ALIGN 12MM BOLT HOLES ON POST ( ITEM 2 ) TO BOLT HOLES ON TOP OF UNIVERSAL CLAMP SOCKET
04. SECURE WITH 2 NO. M10 BOLTS C/W LOCK NUTS AND WASHERS SUPPLIED. THIS WILL REQUIRE A 10MM RING SPANNER.
05. ENSURE THAT ANTI-LUCE FASTENERS ( ITEM 3 ) ARE IN HORIZONTAL POSITION TO ACCEPT TELESCOPIC HANDRAIL

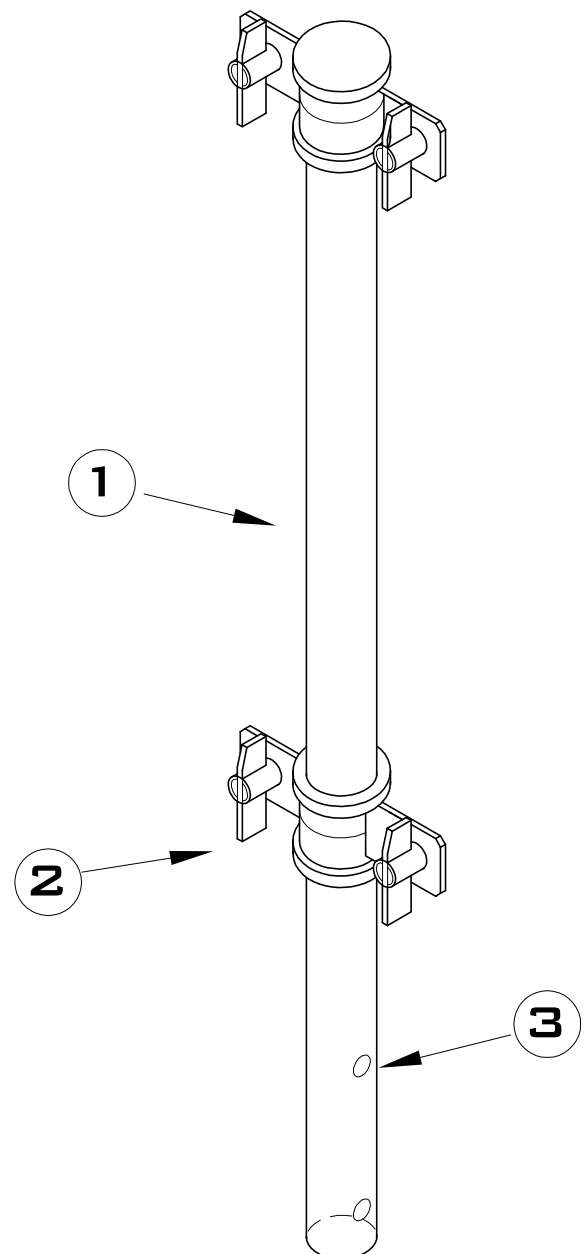


# CS-01 FC- CORNER FLAT POST

- ① FLAT POST
- ② ANTI-LUCE CONNECTORS ON ROTATING PLATES
- ③ HOLES FOR BOLT CONNECTION TO CLAMP

**FOR INSTALLATION TO PRE-CAST  
CONCRETE SLAB WHERE A CHANGE OF  
DIRECTION IS REQUIRED**

- 01. ONCE UNIVERSAL CLAMP CS-02 IS LOCKED SECURELY IN PLACE OFFER POST ( ITEM 1 ) TO TOP OF CLAMP SOCKET
- 02. SLIDE POST INTO SOCKET ENSURING THAT ANTI-LUCE FASTENERS ( ITEM 3 ) ARE FACING IN THE DIRECTION REQUIRED BY USE OF SWIVEL COLLARS ( ITEM 3 )
- 03. ALIGN 12MM BOLT HOLES ON POST ( ITEM 2 ) TO BOLT HOLES ON TOP OF UNIVERSAL CLAMP SOCKET
- 04. SECURE WITH 2 NO. M10 BOLTS C/W LOCK NUTS AND WASHERS SUPPLIED. THIS WILL REQUIRE A 10MM RING SPANNER.
- 05. ENSURE THAT ANTI-LUCE FASTENERS ( ITEM 3 ) ARE IN HORIZONTAL POSITION TO ACCEPT TELESCOPIC HANDRAIL



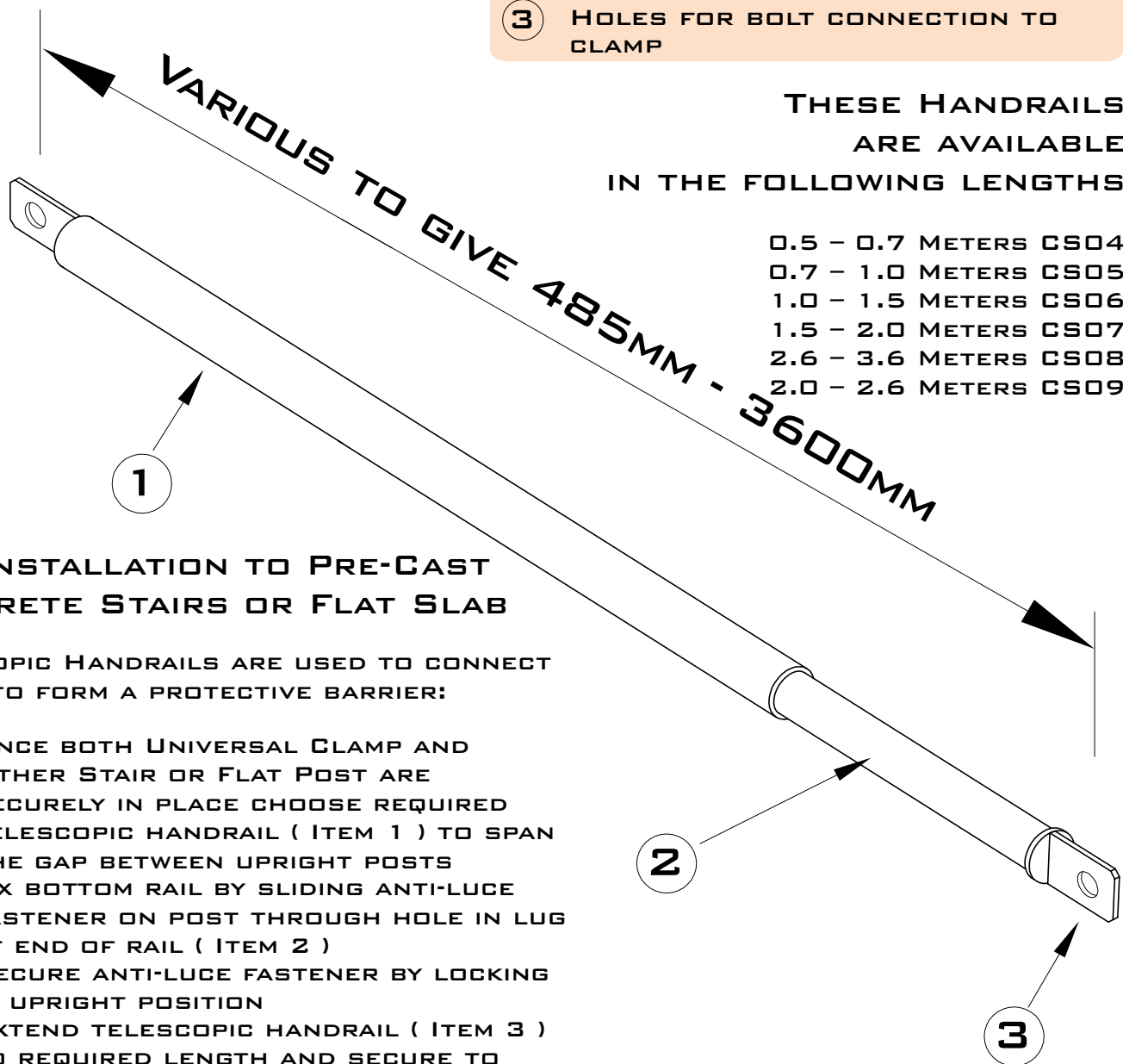
COMMERCIAL

# CS04, 05, 06, 07, 08 & 09 TELESCOPIC HAND RAILS

- ① 42.2° CHS HANDRAIL
- ② INNER 26.9° CHS HANDRAIL (CS08 INNER 33.7° CHS HANDRAIL)
- ③ HOLES FOR BOLT CONNECTION TO CLAMP

THESE HANDRAILS  
ARE AVAILABLE  
IN THE FOLLOWING LENGTHS

- 0.5 - 0.7 METERS CS04
- 0.7 - 1.0 METERS CS05
- 1.0 - 1.5 METERS CS06
- 1.5 - 2.0 METERS CS07
- 2.6 - 3.6 METERS CS08
- 2.0 - 2.6 METERS CS09



## FOR INSTALLATION TO PRE-CAST CONCRETE STAIRS OR FLAT SLAB

TELESCOPIC HANDRAILS ARE USED TO CONNECT  
POSTS TO FORM A PROTECTIVE BARRIER:

01. ONCE BOTH UNIVERSAL CLAMP AND EITHER STAIR OR FLAT POST ARE SECURELY IN PLACE CHOOSE REQUIRED TELESCOPIC HANDRAIL ( ITEM 1 ) TO SPAN THE GAP BETWEEN UPRIGHT POSTS
02. FIX BOTTOM RAIL BY SLIDING ANTI-LUCE FASTENER ON POST THROUGH HOLE IN LUG AT END OF RAIL ( ITEM 2 )
03. SECURE ANTI-LUCE FASTENER BY LOCKING IN UPRIGHT POSITION
04. EXTEND TELESCOPIC HANDRAIL ( ITEM 3 ) TO REQUIRED LENGTH AND SECURE TO OTHER POST BY SAME METHOD
05. REPEAT OPERATION FOR TOP HANDRAIL

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