ACCU SLIDE™
EXPANDABLE ROOM SYSTEM

DESIGNER’S GUIDE
EVERYTHING YOU NEED TO KNOW TO GET STARTED...
DESIGN YOUR ACCU-SLIDE SYSTEM IN JUST **TEN EASY STEPS:**

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GET STARTED
Why use Norco’s Accu-Slide®?

- Light weight aluminum construction.
- Easy to assemble picture frame design.
- Room is cable driven from (4) corners inside, (4) corners outside, this allows the room to track straight and seal tightly all around.
- Allows for fine tune adjustment of each corner.
- Cables provide simple mechanics inside of coach, eliminating the need for racks, pinions, shafts, hydraulic tanks and fluid.
- Accu-Slide can be placed in side-wall, end-wall, above wheel well and on top of floor. (See Step 2 for options)
- Slide mechanics can be mounted above or below rough opening.

The first design uses (2) Jambs, Header and Sill made of the same extrusion as pictured below. This design allows the unit to be shipped as an assembled “picture frame” if within the shipping size and locality.

The second design uses (2) Jambs and Header, made of same extrusion as above, a flat sill as pictured below:

This design will be shipped with “picture frame” to be assembled by customer, it also allows for ¾” more room height than design 1. See the following page for shipping and packaging descriptions.
RECEIVING YOUR ACCU-SLIDE SYSTEM

Your order will be shipped in one of the following configurations, depending on size, style and locality...

If your slide-out is within shipping limits, the product will come assembled & stacked.
*Based on the style of the sill.

If your slide-out exceeds shipping limits, the product will come partially assembled.

CONTACT CUSTOMER SERVICE FOR MORE DETAILS
**STEP 1: CALCULATE ROUGH OPENING SIZE**

**EXAMPLE**

- **Height**: 71 1/2”
- **Length**: 106 1/2”
- **Depth**: 23”

**DEPTH = OUTSIDE TO OUTSIDE ROOM DEPTH**
STEP 2: CALCULATE ROOM SIZE FROM DRAWING & CHOOSE OPTIONS

REFER TO THE DRAWINGS ON THE FOLLOWING PAGES
INSIDE STAND-OFF CONFIGURATIONS

854129

854198

854196

854130

SLIDE CONTROLS CONFIGURATIONS:

☐ MECHANICS BELOW OPENING (AS SHOWN)
☐ MECHANICS ABOVE OPENING
☐ ELECTRONIC MOTOR CONTROL
☐ LIGHT DUTY SWITCH
☐ HEAVY DUTY SWITCH
☐ OVERRIDE FLEX SHAFT

WALL THICKNESS

☐ 1-3/8''
☐ 1-1/2''
☐ 1-7/8''
☐ 2-1/4''

NUMBER OF ROLLERS: ________________

ALUMINUM SCREW COVER FOR EXTERIOR:
SCREW COVER SNAPS INTO FRAME OUTSIDE OF COACH

☐ 1'' WIDE
☐ 1-1/2'' WIDE
☐ NONE

SPECIAL INSTRUCTIONS:
END WALL SLIDE-OUT

THIS PART IS MOUNTED ON EACH SIDE WALL AS A TRACK FOR ASSEMBLY BELOW

THIS ASSEMBLY IS MOUNTED ON FLOOR OF SLIDE ROOM AND EACH ROLLER TRAVELS IN TRACK SHOWN ABOVE

THIS DESIGN USES THE SAME EXTRUSION FOR JAMBS, HEADER, SILL AND IS RECOMMEND FOR END WALL APPLICATIONS
INSIDE STAND-OFF CONFIGURATIONS:

- 854129
- 854198
- 854196
- 854130

MOTOR MOUNT CONFIGURATIONS:

ALUMINUM SCREW COVER FOR EXTERIOR:
Screw cover snaps into frame outside of coach.

- 1" Wide
- 1-1/2" Wide
- None

SPECIAL INSTRUCTIONS:
SIDE WALL SLIDE-OUT

SLIDE CONTROLS CONFIGURATIONS:

☐ MECHANICS BELOW OPENING (AS SHOWN)
☐ MECHANICS ABOVE OPENING
☐ ELECTRONIC MOTOR CONTROL
☐ LIGHT DUTY SWITCH
☐ HEAVY DUTY SWITCH
☐ OVERRIDE FLEX SHAFT

WALL THICKNESS:

☐ 1-5/8"
☐ 1-1/2"
☐ 1-7/8"
☐ 2-1/4"

NUMBER OF ROLLERS: _______________

THIS DESIGN USES THE SAME EXTRUSION FOR JAMBS, HEADER, SILL
AND IS RECOMMEND FOR SIDE WALL APPLICATIONS

NOTE:
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DATE: 8/26/03
DRAWN BY: J.D.S.

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SIDE WALL SLIDE-OUT - OPTIONS

PART NUMBER
REVISION

TOLERANCES: +/− .005

MATERIAL SPEC #: FINISH

E.D. NUMBER DESCRIPTION
INSIDE STAND-OFF CONFIGURATIONS:

854129
854198
854196
854130

MOTOR MOUNT CONFIGURATIONS:

ALUMINUM SCREW COVER FOR EXTERIOR:
SCREW COVER SNAPS INTO FRAME OUTSIDE OF COACH

☐ 1” WIDE
☐ 1-1/2” WIDE
☐ NONE

SPECIAL INSTRUCTIONS:
SIDE WALL SLIDE-OUT
FLAT SILL

SLIDE CONTROLS CONFIGURATIONS:

☐ MECHANICS BELOW OPENING
☐ MECHANICS ABOVE OPENING (AS SHOWN)
☐ ELECTRONIC MOTOR CONTROL
☐ LIGHT DUTY SWITCH
☐ HEAVY DUTY SWITCH
☐ OVERRIDE FLEX SHAFT

WALL THICKNESS:
☐ 1-3/8"
☐ 1-1/2"
☐ 1-7/8"
☐ 2-1/4"

NUMBER OF ROLLERS ________________

THIS DESIGN USES THE SAME EXTRUSION FOR JAMBS, HEADER WITH FLAT SILL EXTRUSION AND IS RECOMMEND FOR SIDE WALL APPLICATIONS

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SIDE WALL SLIDE-OUT - OPTIONS

PART NUMBER
REVISION

- TOLERANCES VITAL
- OTHERWISE SPECIFIED
- JIC & SAE
- AMERICAN STEEL
- ANGLES 90°
- FRACTIONS 1/32

- MATERIAL SPEC #: Finish
- E.D. NUMBER
- DESCRIPTION
- APV'D BY:
ROOM LENGTH = ROUGH OPENING LENGTH - 4.250
ROOM HEIGHT = ROUGH OPENING HEIGHT - 4.000

NOTICE:
ROOM DIMENSIONS ARE FROM OUTSIDE TO OUTSIDE.
ROOM DIMENSIONS SHOULD TAKE INTO CONSIDERATION ANY TRIMS OR FACIA THAT MIGHT SLIDE BETWEEN OUTSIDE OF ROOM AND THE FRAME WORK OF THE SLIDE MECHANICS.
ROOM LENGTH = ROUGH OPENING LENGTH - 4.250
ROOM HEIGHT USING NORCO ROLLERS = ROUGH OPENING HEIGHT - 3.125
ROOM HEIGHT USING CUSTOMER ROLLER = ROUGH OPENING HEIGHT - 2.000 - (ROLLER HEIGHT + .125)
STEP 3: PREPARE ROUGH OPENING

SEE NEXT PAGE FOR DIMENSIONS
RECOMMENDED ROUGH OPENING PREPARATIONS

SLIDE MECHANICS ABOVE OPENING
(SIDE WALL SLIDE)

SLIDE MECHANICS BELOW OPENING
(SIDE WALL SLIDE)

SLIDE MECHANICS BELOW OPENING
(END WALL SLIDE)
STEP 4: PREPARE ROOM

RECOMMENDED ROOM PREPARATION...

PERIMETER TUBING OR SOLID WOOD FRAMING

SUPPORTS MAY BE PLACED IN FLOOR IN LOCATION OF JAMB ROLLERS

FRONT

IF USING TUBING FOR FRAMING, TUBES MARKED BY "X" SHOULD BE STUFFED WITH WOOD.

SIDE

3D VIEW OF ROOM
IF USING TUBING FOR FRAMING, TUBES MARKED BY “X” SHOULD BE STUFFED WITH WOOD.
STEP 5: MOUNT PULLEYS

#12 x 1-1/4" MIN. LENGTH HEX HEAD WOOD SCREW OR EQUIV. (6x)

ROUGH OPENING

JAMB

(5 1/4"

3 1/2"

(3)

1"

STEP 6: MOUNT MOTOR

ROUGH OPENING

CENTERLINE OF OPENING

#12 X 1-1/4" MIN. LENGTH HEX HEAD WOOD SCREW OR EQUIV. (4X)

CEILING OR FLOOR

JAMB

1/2"

(3")

5" MIN.

(11 1/2")

MOTOR DATA:
APRX. 35 RPM NO LOAD
APRX. 30 RPM, 250 IN/LBS, 22 AMPS
APRX. 9 RPM, 800 IN/LBS, 74 AMPS

NORMAL OPERATING AMP LOAD 12-18 AMPS
PEAK OPERATING AMP LOAD 65 AMPS
RECOMMENDED 10 GA. WIRING TO MOTOR
STEP 7: PLACE ROOM & MOUNT STANDOFFS

OUTSIDE

SLOTS USED FOR ADJUSTMENT BEFORE PLACING PERMANENT SCREWS

USE #10 - #12 PAN HEAD SCREWS

ROOM SHOWN HALF TRAVEL

INSIDE

VIEW FROM INSIDE COACH

SLOTS USED FOR ADJUSTMENT BEFORE PLACING PERMANENT SCREWS

MOUNT STANDOFF BRACKETS SO CABLE ENTERS CENTER OF HOLE IN JAMB (8 PLACES)
STEP 8: MAKE CHAIN & CABLE CONNECTIONS

CHAIN & CABLE CONNECTORS WILL BE SHIPPED PRE-ASSEMBLED. ALL THAT IS REQUIRED IS CHAINS BE PLACED ON SPROCKETS.
RECOMMENDEDTOOLS:

- 3/8" Deep Well Socket
- 7/16" Deep Well Socket
- 7/16" Open-End Wrench
- Vice Grips
STEP 10: FINISH

SLIDEDOUT MECHANICS EXPOSED

MECHANICS HIDDEN UNDER VALANCE
Maintenance of the Accuslide System should never be performed by the end-user. Any adjustment or service should be done by a certified service representative. For assistance, please contact your nearest dealer.