

PURCHASED
COMPONENT
KEY FEATURES

| DESCRIPTION OF REQUIREMENTS |
|--|
| DIMENSIONAL REQUIREMENTS (AS SHOWN ON DRAWING) |
| N/A |
| LOAD/RATING REQUIREMENT |
| N/A |
| MATERIAL REQUIREMENT |
| N/A |
| PACKAGING REQUIREMENT |
| N/A |
| OTHER REQUIREMENTS |
| Plug & play harness, does not include alarm. |
| 2021 MDY XL trim level ONLY. |



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DETRIMENTAL TO THE INTERESTS OF ADRIAN STEEL COMPANY

| TOLERANCES & INSPECTION | RELEASE & REVISIONS |
|--|-----------------------|
| UNLESS OTHERWISE SPECIFIED | INITIAL ECN: 24579 |
| ALL BEND ANGLES ARE 90 DEGREES | CURRENT ECN: 25280 |
| ALL DIMENSIONS ARE IN INCHES. | ECN DESCRIPTION: |
| REFERENCE DIMENSIONS (X.XXX) DO NOT REQUIRE INSPECTION | Scan supplier's print |
| FEATURES 0.0 = ± .125 0.00 = ± .062 0.000 = ± .031 | REVISED BY: AMB |
| HOLES/SLOTS 0.0 = ± .062 0.00 = ± .031 0.000 = ± .015 | |
| ANGLES 0° = ± 2° 0.0° = ± 1° | |
| Material Thickness: per ASTM Std. Weld Callouts per AWS | |

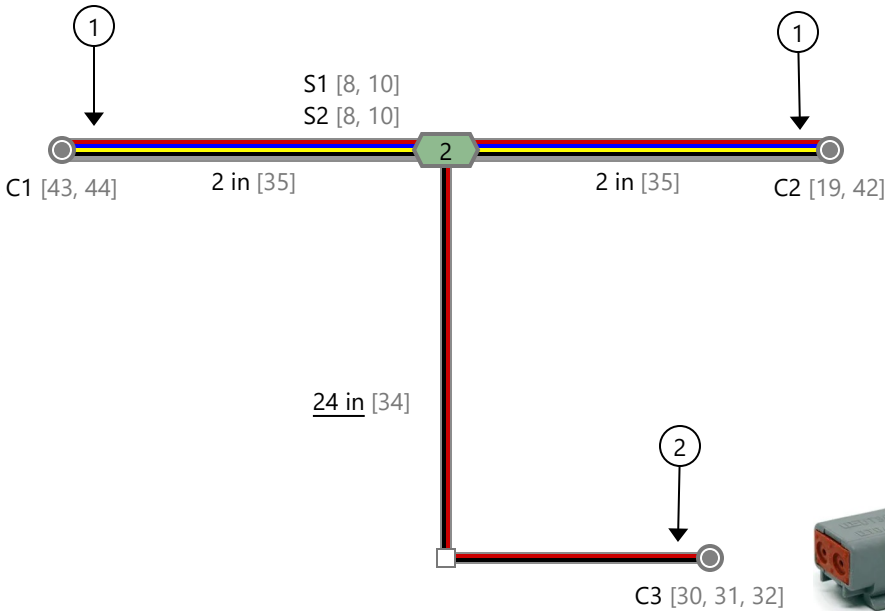
| PURCHASED COMPONENT |
|---|
| REFERENCED SUPPLIER AND/OR MANUFACTURER |
| AAMP |
| REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER |
| P-BUA-F150-21 |
| COLOR (ONLY LIST IF COLOR SPECIFIC) |
| COMODITY ITEM (Y/N) (YES = ALL DIMENSIONS AND NOTES ARE REFERENCE) (NOTE: DIMENSIONS AND FEATURES MAY VARY FOR A COMODITY ITEM.) |
| YES |

| PRINTED DOCUMENT IS UNCONTROLLED | | | Sheet 1 of 1 |
|----------------------------------|-------------------------|---------------------------|--|
| PART / PRODUCT IDENTIFICATION | | | |
| | ADRIAN STEEL® | | ADRIAN STEEL COMPANY 906 JAMES STREET, ADRIAN, MI 49221 |
| | DESIGNED BY: A. BUSSING | | REVISION LEVEL A |
| MAT'L USED: | | DESCRIPTION: HARN, BUA F1 | |
| WEIGHT (Lbs.): 1.0 | SEGMENT CODE: ALA | PART NUMBER: 64011 | |

| Revisions | | | |
|-----------|---------|---------------|-----------------|
| Rev. | Date | Author | Description |
| 1 | 1/20/21 | Bennet Fisher | Initial Drawing |

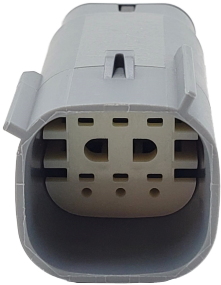
| Coverings | |
|-----------|----------|
| Id | Assembly |
| [34] | |
| [35] | |

| From | To | Color | Gauge |
|------|------|-------|--------|
| C1.1 | C2.1 | | 18 AWG |
| C1.2 | C2.2 | | 18 AWG |
| C1.3 | C2.3 | | 18 AWG |
| C1.4 | S1 | | 18 AWG |
| C1.6 | S2 | | 18 AWG |



| From | To | Color | Gauge |
|------|------|-------|--------|
| S1 | C1.4 | | 18 AWG |
| S1 | C2.4 | | 18 AWG |
| S1 | C3.1 | | 18 AWG |
| S2 | C1.6 | | 18 AWG |
| S2 | C2.6 | | 18 AWG |
| S2 | C3.2 | | 18 AWG |

| From | To | Color | Gauge |
|------|------|-------|--------|
| C2.1 | C1.1 | | 18 AWG |
| C2.2 | C1.2 | | 18 AWG |
| C2.3 | C1.3 | | 18 AWG |
| C2.4 | S1 | | 18 AWG |
| C2.6 | S2 | | 18 AWG |



| From | To | Color | Gauge |
|------|----|-------|--------|
| C3.1 | S1 | | 18 AWG |
| C3.2 | S2 | | 18 AWG |



| Notes | |
|-------|---|
| ① | Cover wiring with cloth tape; leave 1/2" of exposed wiring behind connector |
| ② | Lock tape split loom behind C3 |

| | | | | |
|-------------|---|-------------|----------------|------|
| Title | ---- | Part Number | P-BUA-F150-21_ | |
| Description | 2021 Ford F-150 No Bliss/Incandescent Lamp Backup Alarm Harness | | Revision | ---- |

| | Name | Date |
|--------------|------|------|
| Drawn By | ---- | ---- |
| Eng Approved | ---- | ---- |
| Mfg Approved | ---- | ---- |
| QA | ---- | ---- |

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“Compare Installation Instructions that come with the Product to Installation Instructions in ASCO System for accuracy.”



P-BUA-F150-21

Wiring Harness for Backup Alarm 2021 Ford F-150

INSTALLATION MANUAL





Thank you for purchasing the
P-BUA-F150-21



Table of Contents

Page 3 - Tools Required For Installation

WHAT'S INCLUDED:

- Vehicle Specific Wire Harness (P-BUA-F150-21)

COMPATIBLE ACCESSORIES:

- 97dB Backup Alarm (BUA-97C)
- 97dB White Noise Backup Alarm (BUA-97WNC)



TOOLS REQUIRED:



1. 10mm Nut-setter
2. 8mm Nut-setter
3. Impact Drill
4. Diagonal Cutters

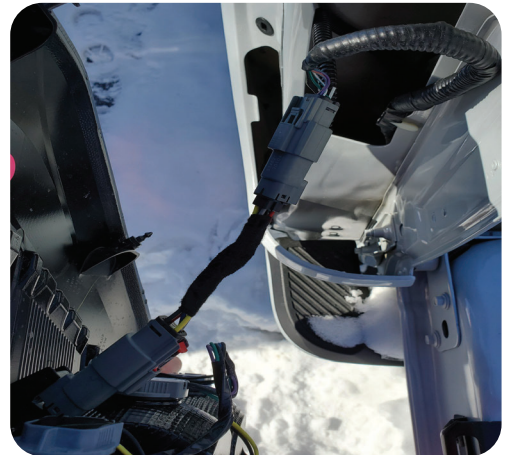
STEP 1:

Use an impact drill and 8mm nut-setter to remove the driver side tail lamp



STEP 2:

Unplug the OEM connector and install the P-BUA-F150-21 harness between the OEM connectors



STEP 3:

Route the harness down the tail lamp cavity and re-install the driver side tail lamp



STEP 4:

Use an impact drill and 10mm nut-setter to install a compatible backup alarm on the underside of the vehicle

Note: (2) 10mm TEK screws are provided with the compatible backup alarm



STEP 5:

Plug the backup alarm connector into the mating connector on the P-BUA-F150-21 harness. Secure any excess wiring with cable ties. Use diagonal cutters to remove excess cable tie material.

STEP 6:

Test the backup alarm



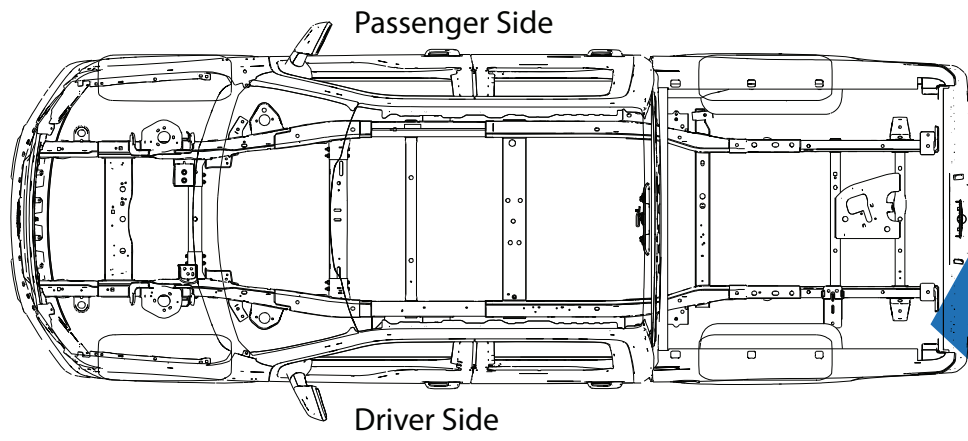
Phone – 866-766-2267

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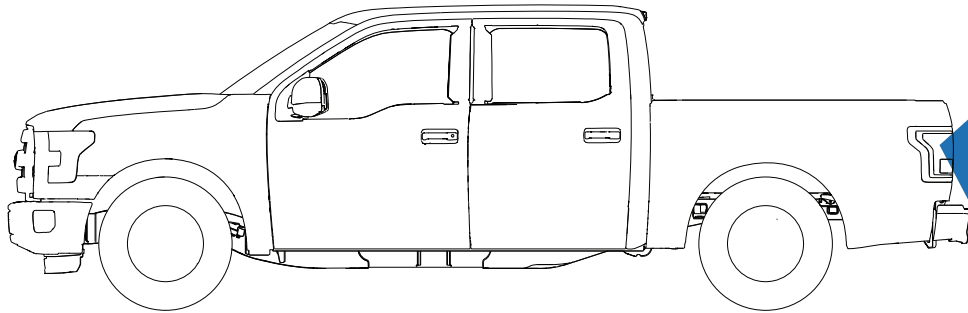


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Backup alarm is located below the driver side tail lamp cavity on the street side of the driver side frame rail



OEM tail lamp connector is located on back side of driver side tail lamp