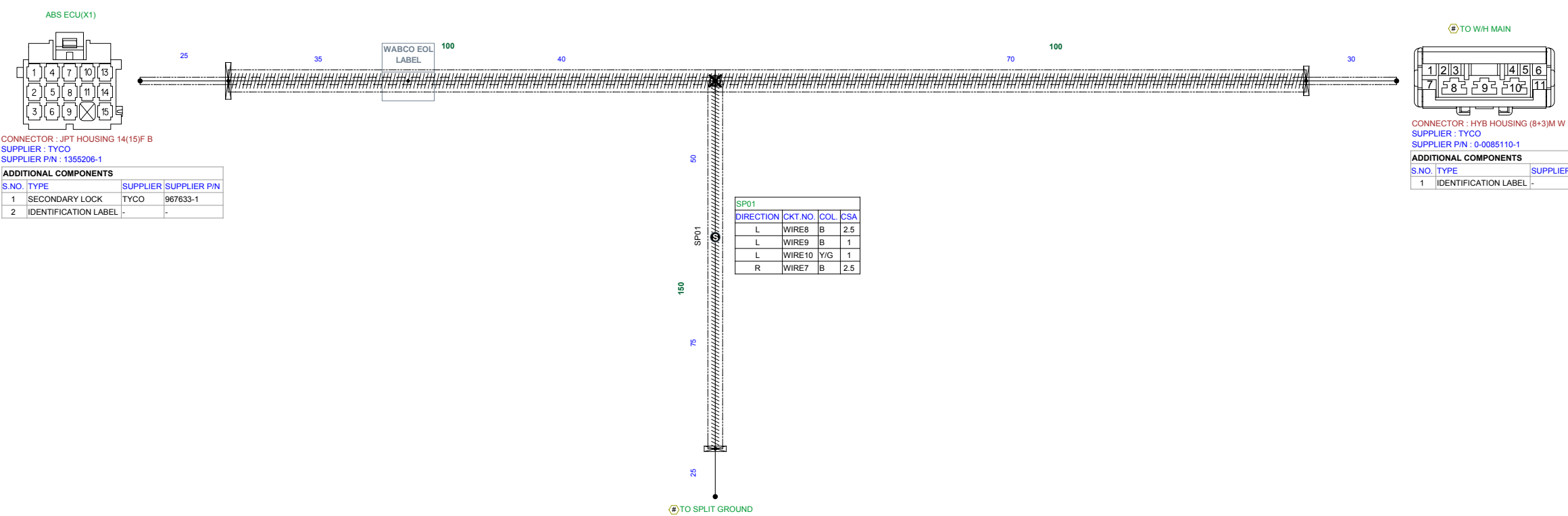


- NOTES:
 OPERATING VOLTAGE : 08-32 V DC
 OPERATING TEMPERATURE : -40 TO +105 °C
- ALL DIMENSIONS ARE IN mm
 - ALL DIMENSIONS ARE UPTO REAR END OF THE CONNECTOR AND CENTER OF THE EYE-LET TERMINAL UNLESS OTHERWISE SPECIFIED
 - ALL CONNECTORS VIEW SHOWN FROM WIRE ENTRY SIDE UNLESS OTHERWISE SPECIFIED
 - TWO CORE TWISTED CABLES OF ~35mm/TWIST SENSOR CABLES, MATED TO WABCO WHEEL SPEED SENSOR, TOGETHER SEALING IP68/9K
 - NO POLARITY FOR WHEEL SPEED SENSOR CABLE COLORS OR CONNECTORS
 - MODULATOR VALVE CABLES: MATED TO WABCO MODULATOR VALVE, TOGETHER SEALING IP68/9K
 - SEE VIEW FOR MODULATOR VALVE CONNECTOR CONTACT POSITIONS CONNECTOR AS PER ISO 15170
 - CUSTOMER MATING CONNECTORS TO MEET THE MANUFACTURERS INTERFACE DIMENSIONS
 - FOR CONNECTORS AND CONTACTS MANUFACTURERS PRODUCT SPECIFICATION IS VALID
 - ALL GROUND WIRES FROM THE MODULATOR VALVE CABLES SHALL BE SPLICE JOINTED AND CONNECTED
 - PRINTED STICKER INDICATING CUSTOMER PART NUMBER SHALL BE PROVIDED AS PER LOCATION SHOWN.
 - CONTENTS OF THE LABEL AS PER DEVICE DOC.922
 - ALL THE CABLES SHALL BE COVERED WITH FIRE RETARDANT SLIT TYPE CORRUGATED TUBES (PPFR) OF BLACK COLOR. CORRUGATED TUBES ARE SELECTED BASED ON BUNDLE DIAMETER / MANUFACTURING FEASIBILITY
 - FURTHER TECHNICAL DATA AS PER THE PRODUCT SPECIFICATION 449 011 000 0 (DOC 035)
 - FOR INSTALLATION RESTRICTIONS PLEASE REFER 449 000 000 0 (DOC 011)
 THE POWER SUPPLY LINES TO BE FUSED IN ACCORDANCE TO ISO/DIS 8820
 CABLE DESIGN AND INSTALLATION HAS TO BE CARRIED OUT THAT NO ELECTROMAGNETIC INTERFERENCE OCCURS
 HOT AIR TO BE DIVERTED AWAY FROM WIRING HARNESS SUITABLY
 - CONNECTOR INSTALLATION / PARKING NOT ALLOWED ON WHEEL COVER / ARCH
 - SPLIT JOINTS / BRANCH NODES- BLACK COLOUR PVC AND COTTON INSULATION TAPES SHALL BE USED.
 DO 2-3 TURNS OF BLACK COLOUR PVC TAPING AT COT ENDS AND FULL TAPING ON SLIT CORRUGATED TUBE AND SPIRAL TAPING TO BE DONE ON WIRE BUNDLE
 - IDENTIFICATION PRINTED STICKER TO BE PROVIDED ON ALL END OF BRANCHES.
 - ALL WIRES TO MEET ISO 6722:2006 (CLASS B) & FLAMMABILITY REQUIREMENTS TO MEET ISO 6722:2006
 - COT TUBE TO MEET FLAMMABILITY REQUIREMENT AS PER UL94-V-2
 - CLIP POSITIONS ARE SHOWN ONLY FOR REFERENCE
 - SPLICE JOINTS TO BE MADE BY MECHANICAL JOINT CRIMPING
 - CAN WIRES TO BE TWISTED MAXIMUM 30mm/TWIST
 - CUSTOMER CHOSEN CONNECTOR, ALL LIABILITIES AND CONSEQUENCES BELONGS TO CUSTOMER - (B)



CONNECTOR : JPT HOUSING 14(15)F B
 SUPPLIER : TYCO
 SUPPLIER P/N : 1355206-1

ADDITIONAL COMPONENTS

| S.NO. | TYPE | SUPPLIER | SUPPLIER P/N |
|-------|----------------------|----------|--------------|
| 1 | SECONDARY LOCK | TYCO | 967633-1 |
| 2 | IDENTIFICATION LABEL | - | - |

SP01

| DIRECTION | CKT.NO. | COL. | CSA |
|-----------|---------|------|-----|
| L | WIRE8 | B | 2.5 |
| L | WIRE9 | B | 1 |
| L | WIRE10 | Y/G | 1 |
| R | WIRE7 | B | 2.5 |

CONNECTOR : HYB HOUSING (8*3)M W
 SUPPLIER : TYCO
 SUPPLIER P/N : 0-0085110-1

ADDITIONAL COMPONENTS

| S.NO. | TYPE | SUPPLIER | SUPPLIER P/N |
|-------|----------------------|----------|--------------|
| 1 | IDENTIFICATION LABEL | - | - |

CONNECTOR : 1.5 SUPERSEAL HOUSING 1F B
 SUPPLIER : TYCO
 SUPPLIER P/N : 282079-2

ADDITIONAL COMPONENTS

| S.NO. | TYPE | SUPPLIER | SUPPLIER P/N |
|-------|----------------------|----------|--------------|
| 1 | IDENTIFICATION LABEL | - | - |

CIRCUIT TABLE

| S.NO. | MIC | CKT.NO. | WIRE TYPE | CSA | COL. | FROM(A) | CAV. (A) | TO(B) | CAV. (B) |
|-------|---------|---------|--------------------------|------|------|-----------------|----------|-------------|----------|
| 1 | TWIST 1 | WIRE1 | SAE J1128(GXL) | 0.8 | Y | TO WH MAIN | 11 | ABS ECU(X1) | 3 |
| 2 | TWIST 1 | WIRE2 | SAE J1128(GXL) | 0.8 | G | TO WH MAIN | 5 | ABS ECU(X1) | 1 |
| 3 | WIRE3 | WIRE3 | ISO 6722 CLASS B(FLRY-B) | 1 | BR | ABS ECU(X1) | 2 | TO WH MAIN | 2 |
| 4 | WIRE4 | WIRE4 | ISO 6722 CLASS B(FLRY-B) | 0.5 | G/B | TO WH MAIN | 6 | ABS ECU(X1) | 10 |
| 5 | WIRE5 | WIRE5 | ISO 6722 CLASS B(FLRY-B) | 0.5 | L | TO WH MAIN | 7 | ABS ECU(X1) | 15 |
| 6 | WIRE6 | WIRE6 | ISO 6722 CLASS B(FLRY-B) | 0.5 | P | TO WH MAIN | 9 | ABS ECU(X1) | 5 |
| 7 | WIRE7 | WIRE7 | ISO 6722 CLASS B(FLRY-B) | 2.5 | B | TO SPLIT GROUND | 1 | SP01 | R |
| 8 | WIRE8 | WIRE8 | ISO 6722 CLASS B(FLRY-B) | 2.5 | B | ABS ECU(X1) | 4 | SP01 | L |
| 9 | WIRE9 | WIRE9 | ISO 6722 CLASS B(FLRY-B) | 1 | B | ABS ECU(X1) | 9 | SP01 | L |
| 10 | WIRE10 | WIRE10 | ISO 6722 CLASS B(FLRY-B) | 1 | Y/G | TO WH MAIN | 3 | SP01 | L |
| 11 | WIRE11 | WIRE11 | ISO 6722 CLASS B(FLRY-B) | 2.5 | R/Y | TO WH MAIN | 8 | ABS ECU(X1) | 8 |
| 12 | WIRE12 | WIRE12 | ISO 6722 CLASS B(FLRY-B) | 0.75 | G/Y | TO WH MAIN | 1 | ABS ECU(X1) | 7 |

TOLERANCE CHART

| BRANCH LENGTHS | | |
|----------------|---------------|--------------|
| S.No. | LENGHT IN mm | TOLERANCE mm |
| 1 | LESS THAN 200 | +10/-0 |
| 2 | 201 TO 500 | +15/-0 |
| 3 | 501 TO 1000 | +20/-0 |
| 4 | 1001 TO 2000 | +25/-0 |
| 5 | 2001 TO 5000 | +25/-0 |
| 6 | OVER 5001 | +30/-0 |

| MAIN TRUNK | | |
|------------|---------------|--------------|
| S.No. | LENGHT IN mm | TOLERANCE mm |
| 1 | LESS THAN 200 | +/-10 |
| 2 | 201 TO 500 | +/-10 |
| 3 | 501 TO 1000 | +/-10 |
| 4 | 1001 TO 2000 | +15/-0 |
| 5 | 2001 TO 5000 | +15/-0 |
| 6 | OVER 5001 | +20/-0 |

| FOR CLIPS | | |
|---------------------------|-------|--|
| CLIP TO CLIP TOLERANCE mm | | |
| ALL | +5/-0 | |

| FOR GROMMET AND CLIPS IN mm | | |
|--|--------|--|
| GROMMET/CLIP TO BRANCH/OTHER COMPONENT | | |
| | +10/-0 | |

SYMBOL

| SYMBOL | SYMBOL DESCRIPTION |
|----------|----------------------|
| [Symbol] | SPACE TAPE |
| [Symbol] | SPIRAL / ROUGH TAPE |
| [Symbol] | FULL / OVERLAP TAPE |
| [Symbol] | POINT / SPOT TAPE |
| [Symbol] | JUNCTION COTTON TAPE |
| [Symbol] | COT TUBE |
| [Symbol] | SPLICE |
| [Symbol] | WIRE BUNDLE |
| [Symbol] | JUNCTION PVC TAPE |
| [Symbol] | BRAD TUBE |
| [Symbol] | PVC TUBE |

| COLOR CODE | COLOR DESCRIPTION |
|------------|-------------------|
| B | BLACK |
| BR | BROWN |
| G | GREEN |
| GR | GREY |
| L | BLUE |
| LG | LIGHT GREEN |
| O | ORANGE |
| P | PINK |
| R | RED |
| SB | SKY BLUE |
| V | VIOLET |
| W | WHITE |
| Y | YELLOW |
| N | NATURAL |

| VEHICLE MODEL | CUSTOMER OFFER PART NO. | CUSTOMER ALLOTTED WABCO PART NO. |
|---------------|-------------------------|----------------------------------|
| LPK3525 | 5129 5461 16 01 | 5129 5461 01 01 |

General Specifications: J4D-334-1, Size ISO 14405 LP
 Further Technical Data: 449 011 000 0
 Doc. Code: 035, Sheet: 01 TO 09

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WABCO
WIRING HARNESS ABS- PIGTAIL

Part No: 447 100 714 0
 Date of 1st Issue: 005 EN 1/1

CH.XC