

DECODER CABLE COLOR-PAIGE P7351D DTS WIRE COLOR

STATION #1  
RED-SMOOTH CABLE  
RED-RIDGED CABLE

STATION #2  
GREEN-SMOOTH CABLE  
GREEN-RIDGED CABLE

STATION #3  
ORANGE-SMOOTH CABLE  
ORANGE-RIDGED CABLE

STATION #4  
BLUE-SMOOTH CABLE  
BLUE-RIDGED CABLE

400 FEET (125M) MAXIMUM  
DISTANCE BETWEEN  
LATCHING SOLENOID AND  
DECODER

DEC-ISP-4 FOUR  
STATION DECODER  
(SEE NOTES)

STATION #4  
SOLID WIRE - RED/WHITE SOLENOID WIRE  
STIPED WIRE - BLACK SOLENOID WIRE

SERVICE  
EXPANSION COIL  
(SEE NOTES)

3M DBR/Y-6 WIRE  
CONNECTORS  
(SEE NOTES)

COMMUNICATION CABLE  
DECODER-TO-SOLENOID  
(PAIGE P7351D DTS)

**NOTES:**

- SHOW FOR DIAGRAMATIC PURPOSES
- AT SPLICE LOCATIONS PROVIDE SUFFICIENT SLACK TO ALLOW THE SPLICE AND DECODER TO BE RAISED A MINIMUM OF 24" (600mm) ABOVE GRADE.
- THE DECODER, SPLICES, AND WIRE SLACK SHOULD BE SECURED INSIDE OF THE VALVE BOX WITH TAPE OR NYLON ZIP TIES. THE WIRES SHOULD BE COILED NO LESS THAN THE DIAMETER OF A 1.5" (40mm) PVC PIPE. DO NOT CREATE SHARP BENDS.

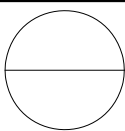
NOTE: REPEAT WHAT IS SHOWN  
ABOVE FOR STATION #1, #2, AND #3.

DECODER CABLE COLOR-PAIGE P7350D WIRE COLOR

POWER  
WHITE-WHITE COMM WIRE  
BLACK-BLACK COMM WIRE

COMMUNICATION CABLE CONTROLLER-TO-DECODER  
(PAIGE P7350D), 14 AWG (2.1mm<sup>2</sup>), SOLID COPPER  
JACKETED 2-CONDUCTOR, DIRECT BURIAL CABLE)  
THE MAXIMUM LENGTH OF EACH WIRE PATH MUST  
BE CALCULATED PER TORO SPECIFICATIONS.  
PLEASE REFER TO GDC DESIGN GUIDE.

NOTE: ALL ISP DECODERS ARE TO BE  
WITHIN 500 FT (150M) (CABLE DISTANCE)  
OF A DEC-SG-LINE SURGE ARRESTOR  
SURGE ARRESTOR



# 4 STATION DECODER MODULE

DEC-ISP-4 DECODER INSTALLATION  
REV. 5/2013



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